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# MID-SUMMER CATALOGUE

1902

U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D. C.

PLANTS  
FOR  
SUMMER PLANTING.

SEEDS  
FOR  
SUMMER SOWING.



HENDERSON'S "GREAT RUBY"

LAWN  
AND  
GARDEN REQUISITES.

INSECT  
AND  
FUNGUS DESTROYERS.

PETER HENDERSON & CO., NEW YORK.



## Mid-Summer Catalogue.



### For Summer Planting: PAGES

Pot-Grown Strawberry Plants, - - - 1 to 12  
 Celery, Cabbage and Cauliflower plants, - 13 to 15

### For Summer Sowing: PAGES

Vegetable Seeds, - - - 16 to 17  
 Turnip, Mangel and Farm Seeds, - - 18 to 22

**LAWN ESSENTIALS, GARDEN IMPLEMENTS &c.,** pages 23 to 30.

**INSECTICIDES, FUNGICIDES AND IMPLEMENTS FOR APPLYING,** pages 31 to 33.

## OUR PREMIUM OFFER.

Our customers who remit with their orders from this Catalogue (either cash, check, post office order, express money order or stamps), \* \* \*

May Select as Premiums Their Choice of Plants or Seeds on orders from this Catalogue for Plants or Seeds offered on pages 2 to 18 inclusive

### TO THE VALUE OF 10%

Which amount is to be added to the aggregate amount of the order for any of the articles just mentioned. For instance:

A \$1.00 remittance is entitled to 10 per cent. premium (10c.), thus permitting a selection to value \$1.10
A 2.50 " " " " 10 " " (25c.), " " " " 2.75
A 5.00 " " " " 10 " " (50c.), " " " " 5.50
A 10.00 " " " " 10 " " (\$1.00), " " " " 11.00

Etc., Etc.

It must be expressly understood, however, that premiums must be selected **at the time of ordering**, and also that premiums can **only** be allowed on seeds and plants offered on pages 2 to 18 inclusive. Premiums **cannot** be allowed on Farm Seeds, Implements, Insecticides, etc., offered on pages 19 to 33 inclusive; nor can we allow any of these things to be selected as premiums.

**WE DELIVER FREE** Vegetable Seeds offered in this Catalogue (except where otherwise noted) to any Post-Office or Railroad Express Office in the United States.

### HOW BEST TO ORDER AND REMIT.

Remittances should be made either in the form of an **Express Money Order or a P. O. Money Order, Bank Draft or Registered Letter.**

**Customers can also shop by express**, as all express companies have purchasing departments in all their offices. If you wish to order goods from us to be sent by express, ask for a Purchasing Order Blank at any express office, and it will be supplied and forwarded without charge, other than usual rates for returning goods.

**If goods are wanted C. O. D.**, 25 per cent. of the amount must accompany the order.

**Orders from unknown correspondents**, without remittance, should be accompanied by New York City references, to save delay.

**About Packing and Shipping and no charge made.** We make no charge for packing excepting for cloth bags and no charge for cartage or delivery of goods to any railway station, steamship line or express office in New York City.

**The safe arrival is guaranteed** in good condition of all strawberry and vegetable plants, sent by express or mail where transit does not exceed three days.

**Have your plants sent by express.** They will reach you in better condition than by mail. We have secured for our customers from railroad express companies a **special rate** on plants from New York, which is **twenty per cent.** less than merchandise rates at which they were heretofore carried.

## PETER HENDERSON & CO.,

CHARLES HENDERSON, Pres.

June 15, 1902.

35 & 37 Cortlandt St., New York.









Our

# POT-GROWN STRAWBERRY PLANTS.



Henderson's  
POT-GROWN  
Strawberry  
Plant.

**WE GROW our Strawberry Plants In Pots.**

**THEY** will be ready on and after July 25th, and if set out any time before September 15th, they will grow into fine plants and bear a full crop of luscious fruit the next spring, being a clear gain of one year over the "ground layer" plants usually supplied by others, which is certainly worth much more than the slight differences in first cost.

Pot-Grown Strawberry Plants are much superior to the ordinary ground layers usually sold, as there is no loss of fine roots in taking them up, and they can be shipped safely to distant parts of the United States and Canada, and be transplanted at any season, and it scarcely checks their growth; the earlier the pot-grown plants can be planted after August 1st, the larger they will grow and the more they will produce the next spring.

We do not offer a long list of varieties in Strawberries, but only such as may be considered the best of existing sorts.

Send in your orders at once, as we will fill orders in the rotation they are received. Our first crop of plants will be ready about July 25th. Small lots of plants can be mailed if 10c. per dozen is added to the prices to cover postage but as we have to wash the ball of earth from the roots to reduce the weight and postage, it is advisable to have larger quantities go by express, so the earth may not be disturbed. (Purchaser pays transit charges on express shipments.)

## ✿ ✿ ✿ BRIEF DIRECTIONS FOR CULTURE. ✿ ✿ ✿

Strawberries require rich, well-tilled soil, the plants should be set 15 inches apart, in rows 2 feet apart; 100 plants will plant 4 rows, 30 feet long; an acre requires 14,520 plants if set at the above distance, but for horse cultivation they should be set 2 feet apart, in rows 3 feet apart requiring 7,260 plants for an acre. Firm the plants well in the soil, keep thoroughly cultivated and cut off all runners. In the middle of December, cover the beds to a depth of 3 inches with salt meadow hay, straw or leaves. In April, or as soon as the plants show an indication of growth push the coverings away from the plants to allow them to come up through. This "mulching" protects the plants from the cold in winter and the heat in summer, keeps the fruit clean and prevents the growth of weeds.

## PERFECT—versus—IMPERFECT FLOWERING STRAWBERRIES.



BI-SEXUAL.

The blossoms of strawberries are either bi-sexual (perfect flowering) or are destitute of stamens and are termed pistillate (imperfect flowering). Pistillate varieties must have a row of a perfect flowered sort, planted every nine or twelve feet apart among them, or, better yet, every third or fourth plant in the row, to pollinize their blossoms. When properly fertilized the pistillate varieties are usually the most prolific.



PISTILLATE.

Complete cultural instructions mailed free, to those requesting them, on receipt of order for Strawberry Plants.

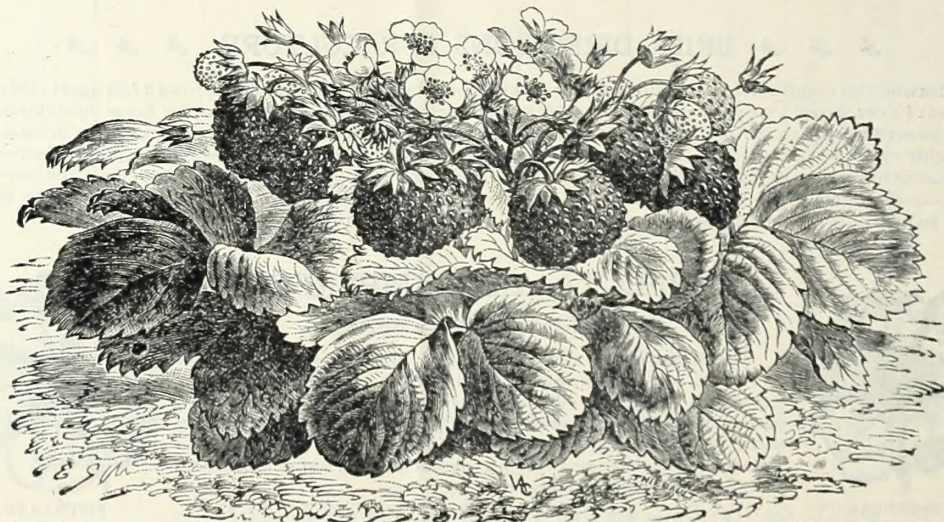




**French Everbearing** e e e  
**Large Fruited Strawberry,**

**“SAINT-ANTOINE DE PADOUE.”**

**T**HIS NEW large fruiting French Everbearing Strawberry possesses remarkable characteristics when grown under congenial conditions. Our pot-grown plants of these—set out this summer should fruit bountifully the following spring, and continue to bear, though more sparingly, throughout the summer. In addition to this, the plants throw out strong runners which form new plants, and if not cut from the parent plants will also fruit the same season, thus giving a continuous supply of delicious strawberries until frost. This remarkable strawberry is the result of a cross, produced in France, between the everbearing “Saint Joseph” and the famous English strawberry “Royal Sovereign,” and it has proven to be superior to all other perpetual strawberries. It is of compact, vigorous growth, the fruit stalks are strong and erect, carrying the fruit well above the foliage. The fruit is large and of a rich dark red color—handsome and uniform in shape—firm, of delicious flavor, and keeps exceedingly well. It is a true perpetual strawberry producing splendid berries during the whole summer up to October, and is also adapted for forcing for winter fruiting. The French gardeners when they want an abundance of late fruit, cut off the first flowers from the large plants and also keep the runners cut which throws the vigor into the late fruit; others, besides keeping the flowers cut from the large plants, allow three or four first runners to root only, thus throwing the strength of the parent plant into the young plants and depend upon these to furnish the late fruit. It received a first-class certificate from the “Societe Nationale d’ Horticulture de France.” **Price,** (*pot-grown plants*) 15c. each; \$1.25 per doz.; \$8.00 per 100.



If Strawberry Plants are desired by mail, add for postage 10c. to the dozen price and 50c. to the hundred price.



# HENDERSON'S Strawberry, "GREAT RUBY."

\* GRAND NEW

Illustrated below and also on the Front Cover. \* \* \* \*



HENDERSON'S  
New Strawberry,

"GREAT RUBY"

*Pistillate, Mid-Season to Late.*

**T**HIS NEW Seedling Strawberry has **proven** to be one of the finest varieties ever introduced, and we predict that it will become a popular favorite among all growers and consumers of strawberries, particularly among those who desire the most uniformly, handsome and large, richly colored, delightfully flavored strawberry for the home table. Henderson's "Great Ruby" fills all of these requirements in a superlative degree. In our fifty years of experience in testing, growing and hybridizing strawberries, there has been no variety that we could send out with the abiding confidence that we have in Henderson's "Great Ruby," proving highly satisfactory to all purchasers. The healthy, vigorous growth, remarkable productiveness, immense size, handsome uniform shape, deep lustrous crimson color, and, above all, the rich luscious flavor combined with the delightful aroma, render Henderson's "Great Ruby" peerless among strawberries. It commences to ripen soon after the early varieties, and bears until nearly all others are gone. The luxuriant growth of the plant and its remarkable deep-rooting qualities enable it to produce beautiful large berries even during a dry season when other varieties are withered and fruitless. **Price, (Pot-grown plants that will bear a full crop of fruit next season), \$1.25 per doz.; \$8.00 per 100.**

The largest dealers in Fancy Fruits in New York City, write thus of the "Great Ruby" Strawberry:

"We congratulate you more than ever on the introduction of this strawberry. The first shipment was a surprise to us as well as to our customers. It is bound to be the most popular and valuable variety ever offered. You cannot grow too many of them. Our customers who have had them want them again, and pronounce them the finest flavored berries ever eaten, which merit, with their perfect form, large size and high color, renders these the most salable strawberries we ever handled."

If Strawberry Plants are desired by mail, add for postage 10c. to the dozen price and 50c. to the hundred price.



**A NEW AND VALUABLE EXTRA EARLY STRAWBERRY**

# “AUGUST LUTHER”

*Bi-sexual—Extra Early.*

**T**HIS PROMISES to be the most valuable Extra Early Strawberry that we have ever tested. It was the earliest variety on our grounds last season, giving the first ripe berry on June 4th, and three days later the plants were full of bright red, roundish-conical berries, firm and of excellent quality for so early a berry. While we do not claim for this variety extraordinary size of fruit, yet it produces it in such abundance that the aggregate weight will compare favorably with the best of the large-berried sorts. The “August Luther” Strawberry, we think, leads all good varieties in earliness, and it continues to yield during a long season. Price, *pot-grown plants*, 85c. doz., \$6.00 100.



The  
Grand ❁ ❁  
Strawberry ❁

## “Brandywine”

*Bi-Sexual: Mid-Season to Very Late.*

**A**LTHOUGH the Brandywine has only recently been offered to the public, yet it is already world famous from the superlatively flattering reports in the Horticultural press, from the experiment stations and from strawberry critics to whom a few plants were given for trial. It has been thoroughly tested in many parts of the country and has given universal satisfaction, in fact, we doubt if any strawberry ever before has received such enthusiastic praise over so wide an extent of territory.

The berries of the “Brandywine” are of magnificent and immense size—very firm, solid and shapely for so large a berry. In general it is broadly heart-shaped without neck, occasionally fruits will be found shaped as if two berries were joined together; flesh red to the core, of delightful aroma, rich, juicy and luscious. The seeds are but slightly imbedded, which adds to its firmness. The color is of a rich, dark glossy scarlet. Colors uniformly all over, no white blotches nor green tips, and its large green calyx greatly adds to the attractiveness of the fruit. In productiveness the Brandywine strawberry is truly a marvel, both in size and quantity. The splendid large berries are borne on stiff, stout stems, ripening in succession for a long period from mid-season until the very latest, holding up its size to the last and every berry coming to maturity. The plants of Brandywine are remarkably vigorous, healthy and hardy, throwing out strong runners, the foliage is of the largest and thickest, entirely free from scald or blemish. Price, *pot-grown plants*, 50c. doz., \$3.50 per 100.

**SIZE:**  
Immense.  
\*\*\*

**YIELD:**  
Prodigious.  
\*\*\*

**FLAVOR:**  
Delicious.  
\*\*\*

**COLOR:**  
Brilliant  
and  
Uniform.  
\*\*\*

**SHAPE:**  
Beautiful  
and  
Regular.  
\*\*\*

**PLANT:**  
Strong,  
Luxuriant  
and  
Healthy.

If Strawberry Plants are desired by mail, add for postage 10c. to the dozen price and 50c. to the 100 price.

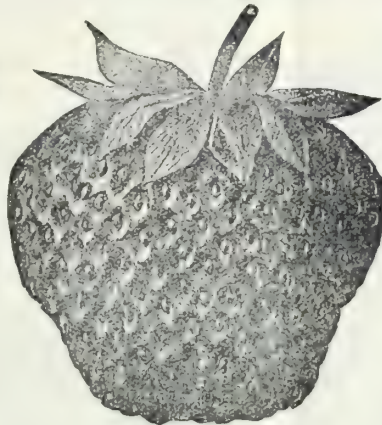


### Bubach

(Pistillate. Mid-season.)

Probably the best known and most popular of all large straw berries. It is a wonder in its season of fruit, completely covering the ground about the plant with large berries. The berries are remarkably large and continue large to the last picking, roundish, slightly fattened and unusually creased on one or both sides, medium firm and quality good, color orange scarlet, ripening well and even. It is certainly the largest yielder of big fruit that grows. The plant is a beauty, strong, healthy, vigorous; but unfortunately for us a poor producer for runners. It is strictly pistillate and requires some bisexual variety to be planted near to pollinize it. (See cut.)

Price (pot-grown plants), 50c. per doz.; \$3.00 per 100.



BUBACH.

### Bederwood (Rackster).

(Bi-sexual. Early.)

A new and exceedingly valuable early strawberry. Conceded to be the best early berry for home use and worthy of great praise; probably the very best early variety ever introduced. It is not only very early, but immensely productive. The plant is faultless, of healthy, vigorous growth and an enormous bearer, perhaps equal to any of the pistillate sorts in this respect, the berries are of large size, of regular, roundish form, light scarlet, of excellent quality, remaining in fruit a long time. We picked berries from it every day for a month last season.

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100.



EPICURE.

### CLYDE.

(Bi-sexual; Early)

Few varieties have given better satisfaction in all parts of the country. It is one of the very best early varieties—it is a week earlier than Bubach and very firm, large, bright scarlet berries of fine flavor. The plants are strong growers—deep rooting, stands drought well, free from rust and disease. It is a great basket filler, and we highly recommend it. (See cut.)

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100.



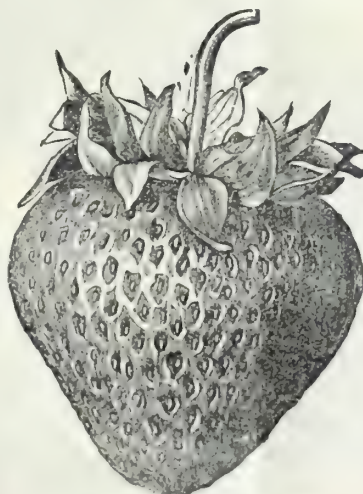
CLYDE.

### A Delicious New STRAWBERRY, "EPICURE"

(Perfect Flowering—Early to Late.)

A DELICIOUS new strawberry of which we hold the entire stock. The quality is superb—so fine that in the locality where it was first grown the fruit sells better than that of any other variety. The berry is very handsome, large and attractive. It is slightly conical and of a magnificent bright glossy crimson color with golden yellow seeds. A distinguishing feature is the large vivid green calyx which sets the berry off to perfection. This, too, protects it in shipping, making it a fine market berry. It is easily removed, so that the berries may be placed on the table as perfect as they left the field, a great consideration in a strawberry.

Price, (pot-grown plants), 75c. per doz.; \$6.00 per 100.



GANDY'S PRIZE.

### Gandy's Prize,

OR

### "THE GANDY."

(Bi-sexual; Late.)

One of the best late strawberries ever introduced. Strictly fancy. The fruits are uniformly large and perfect in form and firm; color, bright crimson and as glossy as if varnished; it has a large bright green calyx, which greatly adds to the beauty. This is one of the latest and best flavored berries we have. The quality is all that can be desired, giving out a most delicious aroma, suggestive of both strawberries and peaches. It ripens from late to very late. The plants are very vigorous growers. In well fertilized soil this berry is a big yielder. (See cut.)

Price, (pot-grown plants), 80c. per doz.; \$3.00 per 100.



GRAND NEW STRAWBERRY,  
**“CHALLENGE.”**

(Bi-sexual—Mid-Season)

After 3 years' trial we feel justified in offering the "Challenge" strawberry to our customers with the assurance that it is a variety of surpassing merit. The plant is a large and strong grower—healthy in every way—rooting deeply, consequently a great drought resister. The size of the fruit and the abundance with which it is produced is wonderful. Even medium sized plants are "loaded" down with handsome berries. The berries average very large—are quite uniform in shape—occasionally a little corrugated but never cox-combed. The color is bright to dark red, with glossy surface and dark red colored inside. The quality is excellent, sprightly sweet with delightful aroma.

Price, (pot-grown plants),  
 \$2.00 per doz.; \$12.00 per 100.



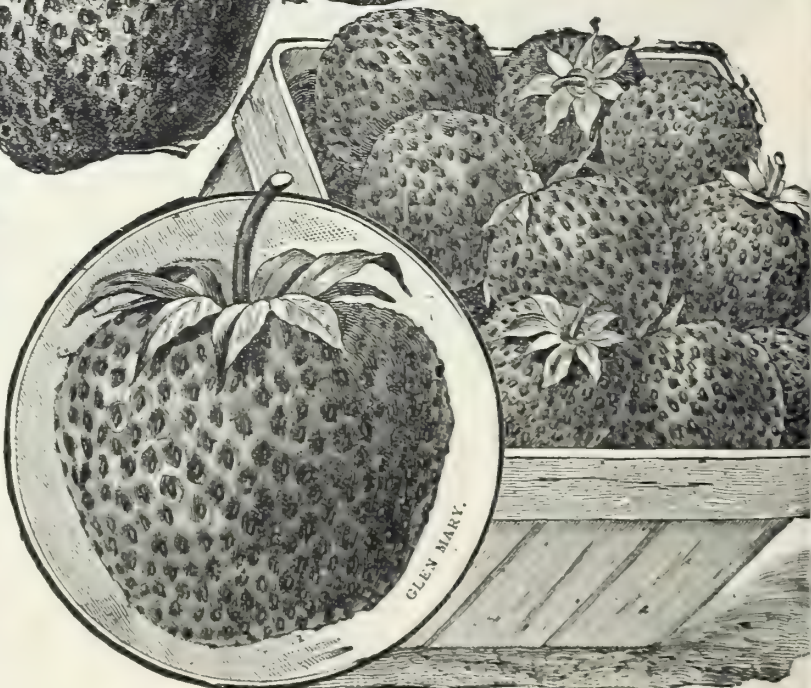
CHALLENGE.

Glen  
 Mary.

(Bi-sexual; Mid-Season.)

This is one of the best strawberries for large size, good quality and large yield that has ever been offered to the American people and in these three respects we believe it has no equal. We specially recommend it for the home garden and nearby markets. In productiveness it is unsurpassed—last season a quarter of an acre plot yielded 1280 quarts at one picking, and over 12,000 quarts were gathered during the season from one acre and this without any special petting or culture. In size the berries average extraordinarily large, twelve specimens will fill a quart; the size holds up well until the end; in shape the berries are broadly heart-shaped, often widening at the tip; color dark glossy crimson, fairly firm and of excellent quality; plant strong and healthy. (See cut.)

Price, (pot-grown plants),  
 50c. per doz.; \$3.50 per 100.





New Late ❀ ❀ ❀

## STRAWBERRY, The "HUNN."

(Pistillate: Extra Late.)

By planting the "HUNN," the strawberry season may be lengthened until late in the season. It ripens a week later than "Gandy," and is twice as productive. The "HUNN" originated and was sent out by the Geneva, (N. Y.) Agricultural Experiment Station. The berries are very large and attractive, of uniform round conical shape, glossy dark crimson in color, flesh firm, of excellent flavor, deeply colored to the core, rendering it unsurpassed for canning. The plant, under favorable conditions, is a strong vigorous grower, with thick clean foliage. It is easily our latest berry, and flowering late, it escapes frosts that often injure the blossoms of earlier varieties. **Price,** (pot-grown plants,) \$1.00 per doz., \$7.00 per 100.



## JOHNSON'S EARLY.

(Bi-sexual: Extra Early.)

A new extra early strawberry, healthy, vigorous and very productive, fruit of regular roundish conical form, medium size, 1 to 1½ inches in diameter, of bright glossy red,

firm, of sprightly flavor. The berries are borne on long fruit stalks and hold to good size. It ripens with "Michel's Early," and is as prolific as "Crescent". It seems to do equally well in stiff clay soil or light loam, forming beautiful plants, believed to be absolutely rust-proof.

**Price,** (pot-grown plants,) 75c. per doz., \$6.00 per 100.

## MICHEL'S EARLY.

(Bi-sexual: Extra Early.)

Michel's Early is one of the earliest varieties in cultivation that will produce a full crop of berries. It is a robust grower, with never a trace of rust or mildew. It yields bountifully, berries medium to large, handsome, regular conical form, color light scarlet, flavor exquisite. It is a fine sort to pollinize early pistillates.

**Price,** (pot-grown plants,) 50c. per doz., \$3.00 per 100.



"HUNN."

## JESSIE.

(Bi-sexual: Early to Mid-Season.) A very large and handsome strawberry of bright glossy crimson. Where light, rich soil and good culture is given, it gives splendid satisfaction. Its large size, handsome regular form and fine quality makes it the most desirable of berries. Plant strong, stocky, vigorous, free from rust and wonderfully productive, and one of the best pollenizers for early pistillates. **Price,** (pot-grown plants,) 50c. per doz., \$3.50 per 100.

## HAVERLAND.

(Pistillate: Early.)

Extra early and productive, particularly in rich, deep soil. The long, glossy crimson berries of fine quality fairly cover the ground. It is exceedingly vigorous and healthy. It has been grown everywhere and receives nothing but praise. **Price,** (pot-grown plants,) 50c. per doz., \$3.00 per 100.





# New Strawberry "THE MILLER."

(*Bi-Sexual: Mid-Season.*)

This new seedling is either the best strawberry in existence, or one of the best, having made a record for productiveness and large size that has not been surpassed by any other variety. The plant is as large, vigorous and healthy as any grown; and although the first stems are long and strong, yet the immense foliage thoroughly protects the blossoms from frost and the fruit from sun scald. The fruit is extra large, of very uniform size and shape, rounding conical, of a deep rich glossy red, the surface color permeating the

flesh for a short distance, the center being salmon.

It is hardly firm enough for a shipping berry, but for the home garden the great size, beauty of form, high color and aromatic flavor, render it probably unequalled.

It has a perfect blossom, and continues to bloom even after some of the fruit is ripe, thus bearing for a long season.

It is easily picked and prepared for the table, the calyx removing easily with the core. **Price, (pot-grown plants.)** \$2.00 per doz., \$12 00 per 100.



## "MARSHALL."

(*Bi-Sexual: Mid-Season.*)

THE BERRIES are very beautiful and average extraordinarily large—often 14 fill a quart measure. As an exhibition berry and for home use it is peerless—it captures the prize wherever exhibited almost without exception. It is the first of the extra large berries to ripen, and although of great size the fruit is rarely ever misshapen. The color is a rich glossy crimson that everyone admires—the surface color running well into the flesh, and the quality is far above the average. As to productiveness, it will not yield as large a number of berries as some varieties, but when measured in quarts or bushels, will be above the average. The plant is faultless, a strong grower, often standing 20 to 22 inches high, rooting deeply and standing drought well. The large luxuriant foliage is sufficient to protect the blossoms from late frosts.

Price. (pot-grown plants,) 5c. per doz., \$3.50 per 100.

The "Miller" Strawberry.

## "MICHIGAN."

(*Bi-Sexual: Extra Late.*)

THE LATEST to ripen of all strawberries, and one of the best of the lates. It is truly a superb sort and should be planted by every one desiring to extend the strawberry season to its utmost limits. It is not only a handsome, fine berry, equalling the good old reliable late Gandy in size, quality and delicious

flavor, but it ripens from ten days to two weeks later. When the Gandy is at its best, the berries of the Michigan only begins to show color. In form it is bluntly conical, exceptionally uniform in size and shape, and of a bright rich crimson color. The plant is a strong healthy grower, with luxuriant foliage and exceedingly productive. Its extreme lateness in ripening, large size, great productiveness and fine quality, render it of the highest value. It is unequalled for canning by reason of its fine quality and firmness. **Price (pot-grown plants) 5c. per doz., \$3.50 per 100.**

If Strawberry Plants are desired by mail, add for postage 10c to the dozen price and 50c. to the 100 price



## McKINLEY.

(Bi-sexual—Mid-season.)

The number of new strawberries annually introduced is so great that we almost hesitate to add to the list, but this new variety has so many desirable qualities that we believe it deserves recognition and dissemination.

It has been thoroughly tested among the many kinds of new and old that we have growing; it has many points of superiority, being conspicuous for its size, shape, color and quality.

In size it is unusually large; shape roundish, inclining to conical, but sometimes flattened or coxcombed; color crimson, flesh moderately firm and quality extra good. The plant is vigorous, healthy and a great yielder.

We can confidently recommend it for the home garden and also for nearby market.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100.

## "MONITOR."

(Bi-sexual: Early)

We cannot better describe this new Western seedling than by quoting Mr. S. S. Riley, Secretary of the Carthage, Mo. Fruit Grower's Union, who writes:

"It has been my privilege many times during the past three seasons to observe the habits and characteristics of this new seedling. The plant is large and healthy and so vigorous in growth that it will mature its last berries and continue such a nice dark green that it is a pleasure to walk among them.

The bloom is perfect and one of the richest in pollen. Time of ripening is with the first Crescent, and continues until nearly all the others are gone. The berries are all of large size. The plant, with its habit of growth, its productiveness and beauty, is without a peer. The fruit is a bright shiny red and uniformly large, firm and attractive. The flesh is firmer than most large berries and is of excellent flavor. All points considered, I regard it as a very remarkable variety, and it will be a valuable addition to the list of every one who gives it a fair trial."

Price, (pot-grown plants) 75c. per doz., \$5.00 per 100.

## "NICK

## OHMER."

(Bi-Sexual: Mid-Season.)

A new berry of Ohio origin and named after the Ex-President of the Ohio State Horticultural Society, and described thus by Mr. Crawford, the veteran strawberry authority: "After watching the 'Nick Ohmer' three years, and hearing how it has behaved wherever I sent it for trial, never having received one unfavorable report on it, I am confident that it is one of the most desirable, if not the very best ever sent out. There is no other in the market or in sight that I would plant with as much confidence. If restricted to a single variety it would be my first choice without a moment's hesitation.

The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassing in healthy, vigorous growth and great productiveness any variety. It has a perfect blossom. The fruit is of the largest size, a giant among strawberries. It is never conical in shape. Its only departure from the regular, round conical form is when, under high culture it is somewhat triangular. It is dark glossy red, firm and of excellent flavor. Price, (pot-grown plants), 60c. per doz., \$4.00 per 100.



The Big Strawberry.

The Prize-Taker.

## "NEW YORK."

(Bi-sexual—Mid-season.)

THIS IS THE STRAWBERRY, a seedling of Bubach and Jessie raised by a New York lady, that captured the prize of \$100 in gold offered for the best and largest new variety. The plant is an unusually robust grower, making but few runners, throwing its strength and vigor into the magnificent berries, which, in consequence, are produced in great abundance and are of immense size, sometimes measuring over seven inches in circumference. In form they are very handsome and regular, of a rounding conical shape. Color—crimson-scarlet dark, rich and inviting; coloring all over, leaving no green tips. The flavor is deliciously rich and melting. For a family strawberry the "New York" is eminently adapted, but its large size and delicate texture would possibly prevent the berries from arriving in good condition in distant markets. Price (pot-grown plants), 75c. per doz.; \$5.00 per 100.

If Strawberry Plants are desired by mail, add for postage 10c. to the dozen price and 50c. to the hundred price.

**PARKER EARLE IMPROVED.**

*(Early to Mid-Season—Bi-sexual.)*

This noble, early, large and productive new berry is a seedling of the famous "Parker Early." It has now been fruited for three seasons, in several sections of the country, and has given unqualified satisfaction. It leads in earliness, size, color and firmness, rendering it one of the most desirable strawberries for shipping. The plant roots deeply, is a strong, robust grower, requiring rich soil to enable it to set its enormous yield of fruit. The plants have stood 14 degrees below zero without protection and without freezing out. Berries very large, cone-shaped with short neck; it ripens evenly; of bright crimson color, very attractive and of fine flavor.

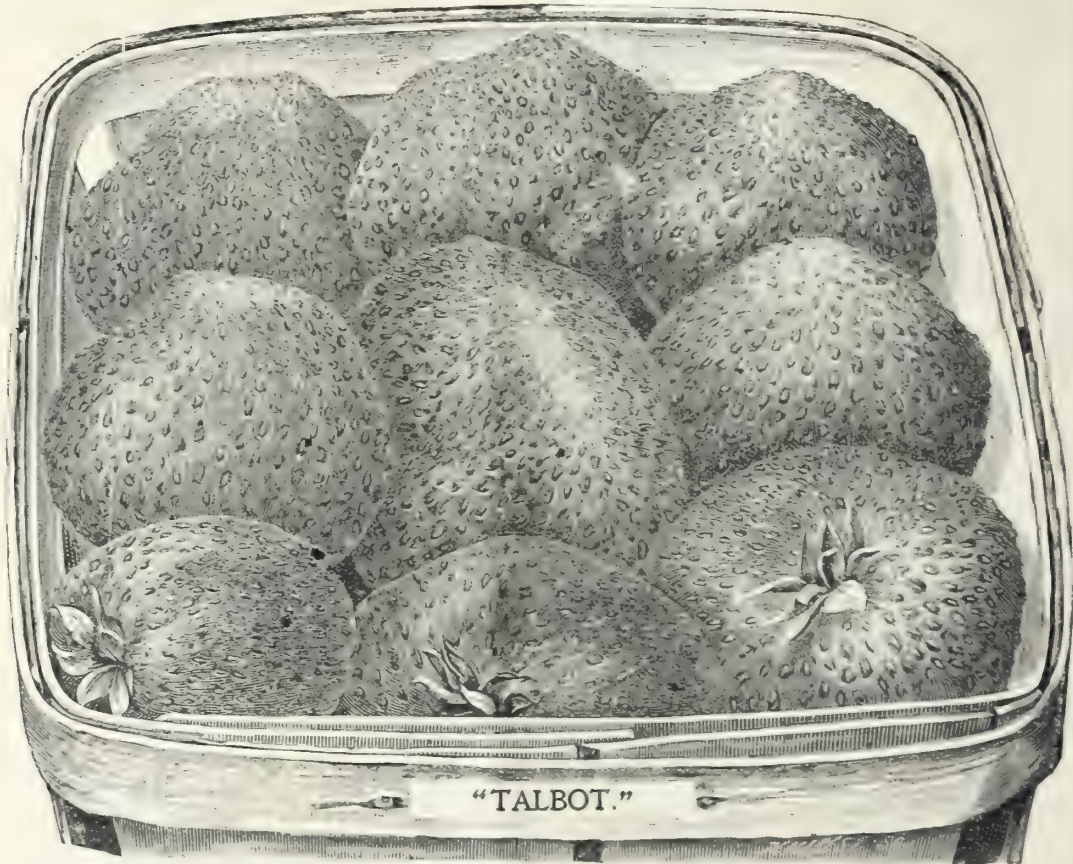
Price, (pot-grown plants), 60c. doz.; \$4.00 per 100.

**SENATOR DUNLOP.**

*(Early to Mid-season—Bi-sexual)*

It has been well tested and has made a good record in every instance. We fail to find a single fault in it. We consider it an exceedingly valuable variety, destined to become very popular for both home use and market purposes. It is vigorous, healthy, productive, almost rust proof and drought proof. The fruit is regular in form, very large, firm and deep crimson in color, quality and flavor of a superb excellence peculiar to itself. It commences bearing among the earliest and continues wonderfully productive for nearly a month.

Price, (pot-grown plants) 60c. per doz. \$4.00 per 100.



"TALBOT."

"I can highly recommend the Talbot Strawberry, the quality is as good as that of the Marshall and the Talbot will yield more than twenty quarts to one of that variety. The plant is a good grower, free from rust. Having seen the berry at the Worcester County Horticultural Exhibit for three years and grown it one year, I can highly recommend it. The Society has given it the first prize of merit, which is the highest honor the Society gives."

HENRY E. RICH.

In charge of fruit at the Worcester County Horticultural Society, July 29/1901. Worcester, Mass.

**Splendid New Strawberry.**

**THE "TALBOT."**

*(Pistillate—Mid-season to Late.)*

A splendid new sort that has received the distinction of having been awarded—two seasons in succession—the highest prize by the Worcester (Mass.) Horticultural Society. It is an unusually strong and healthy grower. The fruit averages extra large of rounding conical form. Color, bright rich red, flesh, close grained, firm and of delicious quality being far superior in flavor to most other varieties. Being a pistillate flowering variety it should be planted in conjunction with some good pollenizing sort such as "Glen Mary"; under these conditions the Talbot is a most prolific fruiter and continues bearing for a long season.

Price (pot-grown plants) \$1.50 doz., \$10.00 per 100.

"The Talbot is by far the best Strawberry I grow out of twelve varieties which are supposed to be the best Strawberries growing here. I planted 300 of the Talbot last fall to cover with glass. The glass was put over them on the 15th of March, and they all grew and bore well this fall. I will only plant three varieties instead of twelve, Nick Oliver and Marshall to give pollen and the Talbot to give the berries."

GEORGE McWILLIAM, Whitinsville, Mass.

August 9, 1901.





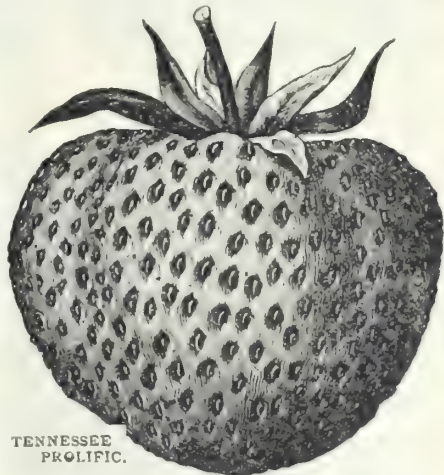
ROUGH RIDER.

### Rough Rider.

(*Extra Late—Bi-sexual.*)

A valuable new late Strawberry, an exceedingly robust grower, resisting drought and disease. The fruit is wonderfully large, very dark colored and extremely firm, quality like late berries, most delicious. It is later than Gandy, the height of the picking season being about July 9th.

Price. (*pot-grown plants*) 60c. per doz., \$4.00 per 100.



TENNESSEE PROLIFIC.

### SHARPLESS.

(*Bi-sexual: Mid-season.*)

An old variety but still one of the most popular. Plant exceedingly vigorous and hardy, enduring both heat and cold without injury. Very productive. Fruit extra large, light crimson, firm and good quality. A profitable and reliable variety for either market or home.

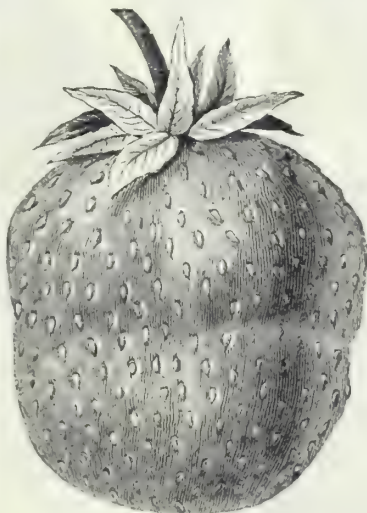
Price. (*pot-grown plants*) 50c. per doz., \$3.00 per 100.

### TIMBRELL.

(*Pistillate—Late.*)

A well known variety, popular for its very large, handsome, dark glossy crimson berries—produced late in the season, after most other sorts are through fruiting. Its flavor is particularly rich and spicy. For luxuriant growth and abundance of fruit it is not eclipsed by any other strawberry.

Price. (*pot-grown plants*) 50c. per doz., \$3.50 per 100.



SHARPLESS.

### TENNESSEE PROLIFIC.

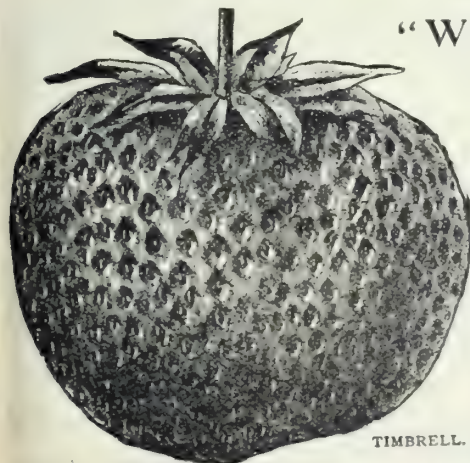
(*Medium Early—Bi-sexual.*)

One of the most popular market berries grown. It is rather early and a prolific bearer of large, bright glossy red berries of excellent quality.

The plant is a strong, handsome grower with clean, healthy foliage. Like many strong growers it will overcrowd the row, if left to itself, and then produce inferior fruit, but if grown properly it will yield an abundance of handsome berries for a long season.

One desirable feature of the Tennessee Prolific is its willingness to produce a second crop of berries in the autumn under favorable weather conditions and special culture.

Price. (*pot-grown plants*) 50c. per doz., \$3.00 per 100.



TIMBRELL.

### “Wm. Belt.”

(*Bi-sexual: Mid-season.*)

A luxuriant grower, healthy and hardy, very productive, and the berries are very large. It has produced many 8-inch berries. Shaper rather long, conical and quite uniform. The color is bright glossy red all over. It is as firm as ordinary berries, and of a better quality than is often found in large varieties.

Price. (*pot-grown plants*) 60c. doz., \$4.00 per 100.

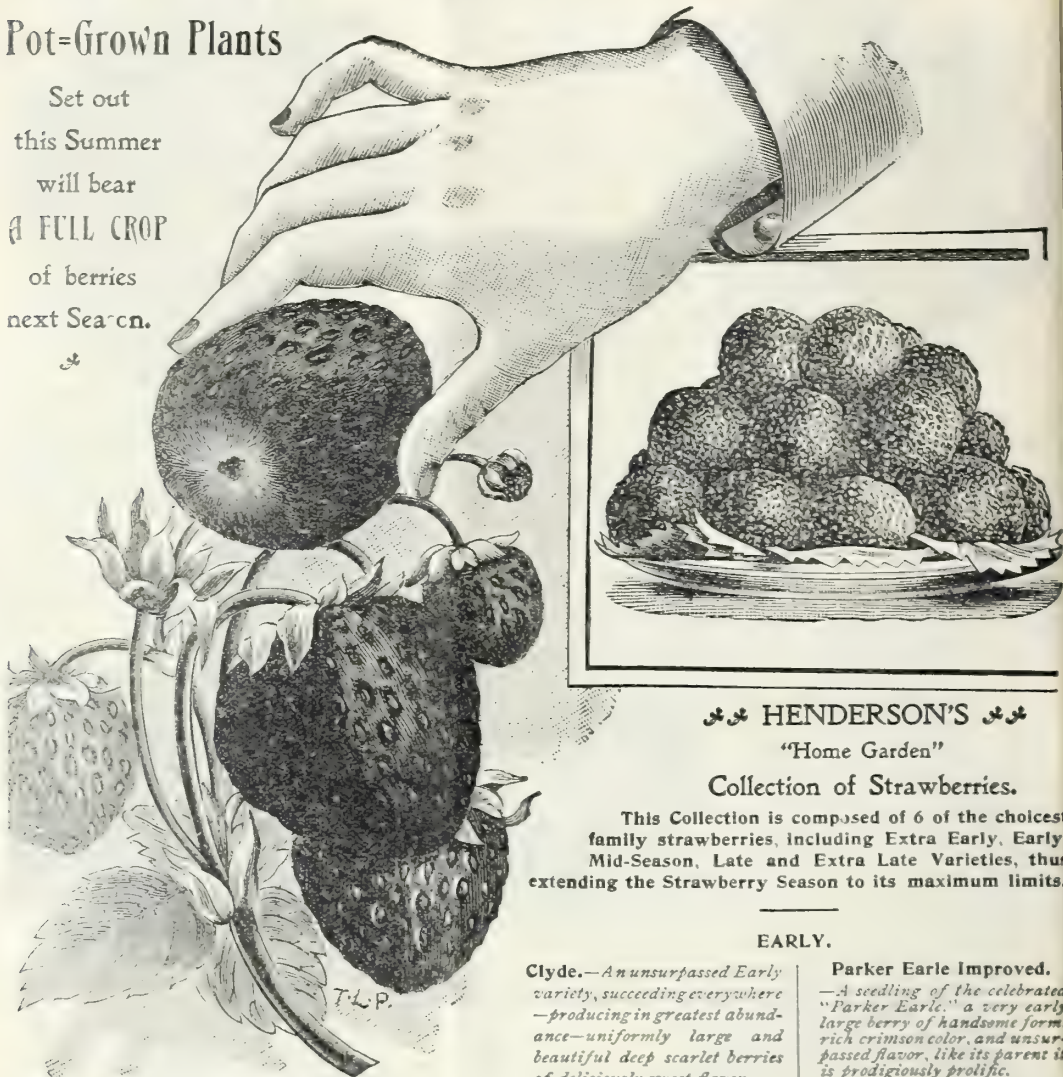


WM. BELT.

# Henderson's "HOME GARDEN" Collection of STRAWBERRIES.

## Pot-Grown Plants

Set out  
this Summer  
will bear  
a FULL CROP  
of berries  
next Season.



### \*\*\* HENDERSON'S \*\*\* "Home Garden"

#### Collection of Strawberries.

This Collection is composed of 6 of the choicest family strawberries, including Extra Early, Early, Mid-Season, Late and Extra Late Varieties, thus extending the Strawberry Season to its maximum limits.

#### EARLY.

**Clyde.**—An unsurpassed Early variety, succeeding everywhere—producing in greatest abundance—uniformly large and beautiful deep scarlet berries of deliciously sweet flavor.

#### Parker Earle Improved.

—A seedling of the celebrated "Parker Earle," a very early large berry of handsome form, rich crimson color, and unsurpassed flavor, like its parent it is prodigiously prolific.

#### LATE.

**Brandywine.**—A magnificent late berry of immense size, very solid and shapely, of dark glossy scarlet and red to the core. Quality rich and juicy with sweet aroma; a marvel in productivity.

**Michigan.**—The latest strawberry of all, truly superb, extends the strawberry season to its maximum limits; it is extra large, handsome, of rich crimson color, surpassingly sweet and a great yielder.

#### MID-SEASON.

**Glen Mary.**—The most productive large berry. 12 specimens berries will fill a quart. 12,000 quarts were gathered from an acre, color beautiful glossy crimson; quality most excellent.

#### MCKINLEY.

—One of the finest berries grown for the home garden—large—sometimes a little cockscombed, but always beautiful, and of melting, luscious flavor, and a great yielder.

Price of Henderson's "Home Garden" Collection of Strawberries.

#### COLLECTION A.

25 plants, 12 each of above 6 varieties, 85c. or mailed for \$1.00.

#### COLLECTION B.

50 plants, 25 each of above 6 varieties, \$1.25 or mailed for \$1.40.

#### COLLECTION C.

72 plants, 12 each of above 6 varieties, \$2.25



#### COLLECTION D.

150 plants, 25 each of above 6 varieties, \$4.00  
Purchaser to pay expressage; if wanted by mail, add at the rate of 50c. per 100 plants for postage.

Our STRAWBERRY PLANTS are all POT-GROWN.—Set out this Summer will bear a full crop next season.

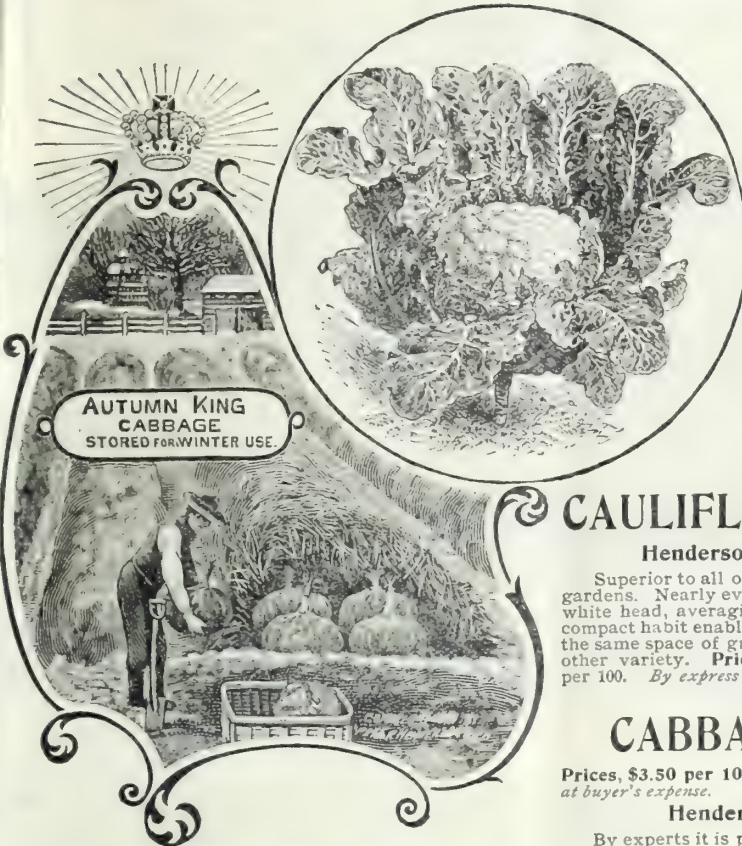


# VEGETABLE PLANTS

FOR  
**Summer**   
 **Planting.**

READY FROM  
 June 15th to August 1st.

We make no charge for packing vegetable plants, but purchaser pays the transit charges. They can only be forwarded by express.



## CAULIFLOWER PLANTS

### Henderson's Early Snowball.

Superior to all others for either market or family gardens. Nearly every plant will form a perfect snow-white head, averaging nine inches in diameter. Its compact habit enables one-third more to be planted on the same space of ground than can be done with any other variety. **Price of plants:** \$7.50 per 1,000, 85c. per 100. *By express only at buyer's expense.*

## CABBAGE PLANTS.

**Prices, \$3.50 per 1000, 50c. per 100.** *By express only at buyer's expense.*

### Henderson's Succession.

By experts it is pronounced the most perfect type of cabbage grown; nearly every Cabbage heads up, of a uniformly perfect shape, large and heavy. Although largely grown for midsummer use it is most valuable as a fall or winter variety, as its firm, solid heads, make it an excellent keeper.

### Red Dutch.

Used almost exclusively for pickling. It is one of the hardiest of all Cabbages.

### Drumhead Savoy.

Of much finer flavor and quality than other Cabbages; grown in fall and allowed to be touched by frost. It is one of the most delicious of all vegetables.



BRUSSELS SPROUTS.

### Henderson's Autumn King.

**The Finest of All Winter Cabbages.** It is the finest Late Cabbage in this country to-day, an entirely distinct variety and the best keeper we have ever seen; it produces enormous heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts and be relied upon to produce a greater weight of crop per acre than any other variety. A distinctive feature of the AUTUMN KING is its peculiarly crimped leaves, which not only adds to its appearance, but enable it to be distinguished anywhere.

## Miscellaneous Vegetable Plants.

BY EXPRESS ONLY, AT BUYER'S EXPENSE.

### Celeriac Plants.—Turnip Rooted Celery.

Large Smooth Prague. Price, \$4.00 per 1000, 50c. per 100

### Kohl-Rabi Plants.

Early White Vienna. Price, \$4.00 per 1000, 50c. per 100

### Brussels Sprouts Plants.

Dwarf Improved. Price, \$4.00 per 1000, 50c. per 100.

### Kale or Borecole Plants.

Dwarf Green Curled Scotch. Price, \$4.00 per 1000, 50c. per 100  
 Brown German Curled or Purple Price, \$4.00 per 1000, 50c. per 100



KOHL RABI.

HENDERSON'S  
 \* \* SUPERIOR

# CELERY PLANTS

Supplied between  
 June 15th and Aug. 25th

We guarantee arrival of Celery Plants in good condition where sent by express and the journey does not exceed three days.



We are unquestionably the largest raisers of Celery Plants in the world, and our methods are such that we invariably have the plants in the finest possible condition.

We draw special attention to our Transplanted Celery Plants.

The result of transplanting is seen in the dense mass of fibrous roots that these plants possess, and on this account with ordinary care they are much easier to transplant, and are more certain to do well.

## HENDERSON'S SUPERIOR PRICES OF CELERY PLANTS

For description of varieties see page 15.

Plants from Seed Beds.....\$3 50 per 1000; 50c per 100 (By Express only at Buyer's Expense.)  
 Transplanted Plants.....\$6.00 per 1000; 75c per 100 (Buyer's Expense.)

### COLLECTIONS OF CELERY PLANTS.

By express only. Buyer pays carriage.

**COLLECTION A**—550 plants, 50 each of the eleven varieties offered on opposite page for \$2.25.  
 Transplanted Plants, \$3.50.

**COLLECTION B**—1100 plants, 100 each of the eleven varieties offered on opposite page for \$4.00.  
 Transplanted Plants, \$6.00.

We include, free of charge, with either of the above collections, our leaflet

“Celery Culture for Home and Market.” which also treats on keeping celery in winter, diseases, etc.



# CELERY

# PLANTS.

For Prices of Plants see  
Opposite Page.

For Prices of Plants see  
Opposite Page.



WHITE PLUME. GIANT PASCAL. GIANT WHITE SOLID. GOLDEN SELF-BLANCHING. BOSTON MARKET.

## Henderson's Perfected

### A Self-Blanching Celery.

### White Plume.

People who never grew celery before have no trouble in growing and blanching Henderson's White Plume Celery ready for the table, for no "banking-up" is necessary. The stalks, portions of inner leaves and heart are white, naturally, so that by simply tying the plant together, or by drawing the soil against it, pressing it with the hands and then repeating the operation to hold the soil already placed against the plant in position, the work of blanching is completed. Henderson's White Plume Celery is crisp, succulent, and has a delicious, nutty flavor. (See opposite page for price of plants.)

### Henderson's Golden Dwarf.

In size, habit and growth it is much the same as the above, except that when blanched the heart, which is large and full, is of a waxy golden yellow, rendering it a most striking and showy variety for either market or private use. It is solid, of excellent flavor and one of the best winter keepers. (See opposite page for price of plants.)

### Boston Market.

A great favorite around Boston. The leaves are dark green, the stalks when blanched nearly white. It is an excellent variety, solid, crisp and tender. (See opposite page for price of plants.)

### Golden Self-Blanching.

A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it does not require such high "banking-up" as the ordinary sorts to be fitted for the table. It simply needs a slight earthing up or "handling." It is of a beautiful waxy golden color, very solid and of rich nutty flavor. (See opposite page for price of plants.)

### Golden Rose Celery.

A development of "Golden Self-Blanching" having the same strong, stocky growth with broad, solid and brittle stalks, free from ridges and stringiness. It blanches naturally, is very early, hardy and a perfect keeper; the flavor is exquisite, while the beautiful coloring renders it unusually attractive, the golden colored stalks are suffused with a rosy hue fading towards the top, which are surmounted with yellowish plume-like foliage. (See opposite page for price of plants.)

## Henderson's Half Dwarf.

Blanches of a yellow white, it is entirely solid, possessing a rich, nutty flavor, while it has much vigor of growth, surpassing most of large growing sorts in weight of bunch. (See opposite page for price of plants.)

### Giant Pascal.

A selection from Golden Self-Blanching Celery; it partakes of the best qualities of that variety, but is larger and a better keeper. It is of a fine nutty flavor, grows about 2 feet high; the stalks are very broad, thick and crisp, and entirely stringless, the width and thickness of the stalks are distinctive features. It bleaches with but slight "earthing-up" and very quickly, usually in five or six days. Valuable for both early and mid-winter. (See opposite page for price of plants.)

### Giant White Solid.

The best of the larger growing sorts, attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows, or it cannot be worked properly. This variety is most suitable for southern sections of the country, as it grows freely in a hot or dry atmosphere. (See opposite page for price of plants.)

## Henderson's New Rose Celery.

Has that nutty flavor so desirable in celery, very ornamental on the table, the delicate tracing of carmine blending with the white in the blanched stalks. (See opposite page for price of plants.)

### London Red.

Of medium growth, of stiff, close habit, large heart, remarkably solid and crisp, and of fine walnut-like flavor. (See opposite page for price of plants.)

### Pink Plume Celery.

An intermediate between white and red celeries, combining the good qualities of both. It is practically identical with our "White Plume," but with the added merit of the solid succulent stalks of Ivory white being exquisitely suffused with pink and possessing the crispness, rich nutty flavor, and long-keeping qualities for which red celeries are noted. In addition to its choice "red-celery flavor," it is of remarkable attractiveness. (See opposite page for price of plants.)





# A List of VEGETABLE SEEDS.



PARTICULARLY ADAPTED FOR SUMMER AND FALL SOWING.

You can have FRESH VEGETABLES UNTIL FROST by successive sowings.

**WE DELIVER FREE** to any Post Office or R. R. Express Office in the U. S., at prices in this Catalogue, ALL VEGETABLE SEEDS offered on pages 16 to 19, except where noted.

**BEANS, DWARF GREEN PODDED.**

*If beans are desired by mail, please add 5 cents per pint and 10 cents per quart to pay postage.*

	pkt.	pt.	qt.	pk.	bu.
Henderson's Bountiful.....	15	20	35	2 00	7 50
Dwarf Horticultural.....	10	20	30	1 60	5 50
Longfellow.....	10	20	35	2 00	7 00
Long Yellow Six Weeks.....	10	15	25	1 25	4 00
Mohawk, Early.....	10	15	25	1 25	4 00
Refugee, Extra Early.....	10	20	30	1 40	4 50
"    or 1000 to One.....	10	15	25	1 25	4 00
Valentine, Henderson's Earliest Red.....	10	20	30	1 40	4 50
Henderson's Black Valentine.....	10	20	30	1 75	6 00

**BEANS, DWARF WAX OR YELLOW PODDED.**

*If beans are desired by mail, please add 5 cents per pint and 10 cents per quart to pay postage.*

	pkt.	pt.	qt.	pk.	bu.
Black Wax or Butter.....	10	15	25	1 40	4 50
Improved Black Wax.....	10	20	30	1 50	5 00
Flageolet Wax.....	10	20	30	1 75	6 00
Golden Eyed Wax.....	10	15	25	1 50	5 00
Golden Wax.....	10	15	25	1 40	4 50
"    Improved.....	10	20	30	1 50	5 00
Refugee Wax.....	10	20	30	1 50	5 00
Wardwell's Kidney Wax..	10	20	30	1 00	5 50

**BEEF.**

	pkt.	oz.	¼ lb.	lb.
Crimson Globe.....	10	25	75	2 50
Arlington Improved.....	10	15	25	60
Bassano, Early Flat.....	5	10	25	50
Blood Turnip, Early.....	5	10	20	50
Dewing's Improved.....	5	10	20	35
Eclipse.....	5	10	20	60
Edmonds.....	5	10	20	60
Egyptian.....	5	10	20	55
Henderson's Half Long.....	10	15	30	75
Long Smooth Blood.....	5	10	20	50

**BEEF. MANGEL WURZEL.**—(See page 20.)

**CABBAGE.**

	pkt.	oz.	¼ lb.	lb.
Early Spring, (Henderson's)...	15	60	2 00	6 00
Early Jersey Wakefield (Henderson's).....	5	35	1 20	3 75
Charleston's Wakefield (Henderson's).....	10	40	1 25	4 00
Early Summer (Henderson's)...	5	35	1 00	3 50
Fottler's Improved Brunswick..	5	20	60	1 75
Succession (Henderson's).....	10	40	1 25	4 00
Autumn King (Henderson's)...	10	35	1 00	3 50
Premium Flat Dutch.....	5	20	60	2 00
Selected Late Flat Dutch.....	10	25	75	2 50
Mammoth Rock Red.....	10	35	1 20	4 00
American Drumhead Savoy.....	10	30	80	2 50

**CAULIFLOWER.**

	pkt.	oz.	¼ lb.	lb.
Algiers, Large Late.....	10	80	2 75	
Extra Early Dwarf Erfurt.....	15	3 00	11 00	
Henderson's Early Snowball....	25	4 00	14 00	

**CORN SALAD.**

Large Leaved.....	5	10	25	75
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**CORN SWEET.**

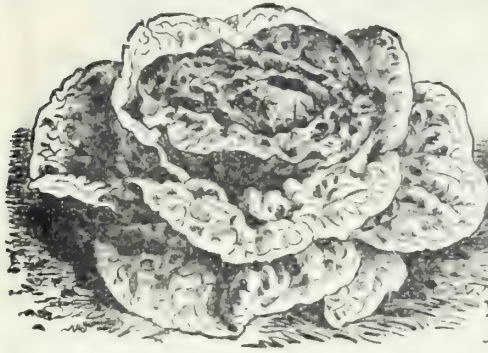
*If corn is desired by mail, add 5 cents per pint and 10 cents per quart to pay postage.*

	pkt.	pt.	qt.	pk.	bu.
Metropolitan.....	15	25	40	1 40	4 50
Corn Early (Red Cob).....	10	15	25	1 00	3 50
"    (White Cob).....	10	15	25	1 10	3 75
Crosby's Early.....	10	15	25	1 00	3 50
Moore's Early Concord.....	10	15	25	1 00	3 50
Old Colony.....	10	15	25	1 00	3 50
Roslyn Hybrid.....	10	15	25	1 00	3 50
Shaker's Early.....	10	15	25	1 00	3 50
Squantum.....	10	15	25	1 00	3 50
Country Gentleman.....	15	25	40	1 25	4 00
Stowell's Evergreen.....	10	15	25	90	3 25
The Henderson.....	10	15	25	1 10	3 75

**CUCUMBER.**

	pkt.	oz.	¼ lb.	lb.
The Henderson.....	10	30	75	2 50
Boston Pickling.....	5	10	20	55
Cool and Crisp.....	10	15	30	80
Early Cluster.....	5	10	20	65
Early Russian.....	5	10	20	65
Everbearing.....	5	10	20	60
Evergreen, Livingston's.....	5	10	20	60
Extra Early Green Prolific.....	5	10	20	60





YOU CAN HAVE  
**Fresh ...  
 Vegetables**  
 UNTIL FROST  
 By Successive Sowings.



**CUCUMBER.—(Continued.)**

	pkt.	oz.	¼ lb.	lb.
Green Prolific.....	5	10	20	55
Japanese Climbing.....	10	15	35	1 00
Jersey Pickling.....	5	10	20	55
Long Green.....	5	10	20	55
Nichol's Medium Green.....	5	10	20	55
Short Green.....	5	10	20	55
West India Gherkin.....	10	15	35	1 00
White Spine, Improved early.....	5	10	20	55
"    Extra Long.....	5	10	20	60

**ENDIVE.**

	pkt.	oz.	¼ lb.	lb.
Broad Leaved Batavian.....	5	20	60	2 00
Green Curled.....	5	20	60	2 00
Moss Curled.....	5	20	60	2 00
White Curled.....	5	20	60	2 00

**KALE.**

	pkt.	oz.	¼ lb.	lb.
Brown German Curled.....	5	15	40	1 25
Dwarf Green Curled Scotch.....	5	15	30	80
Siberian.....	5	10	30	80

**LETTUCE.**

Immensity, 15c. pkt., 4 pkt. 50c.....	10	25	65	2 00
Big Boston.....	5	15	40	1 25
Black Seeded Butter.....	5	15	40	1 25
Boston Market.....	5	16	40	1 25
Perfected Salamander.....	10	25	65	2 00
Golden Queen.....	10	25	70	2 25
Hanson.....	5	15	40	1 25
Henderson's New York.....	10	25	65	2 00
Large White Summer.....	5	15	40	1 25
Mignonette.....	10	25	70	2 00
Yellow Seeded Butter.....	5	15	40	1 25
Simpson, Early Curled.....	5	15	35	1 10
Simpson Black Seeded.....	5	15	40	1 25
Trianon Cos.....	10	25	50	1 50

**MUSHROOM SPAWN.**

English, 15c. lb.; 8 lbs. for \$1.00. By mail, 28c lb.  
 French, 2 lb. box, 75c. By mail, 95c.

**ONION, ITALIAN AND SPANISH VARIETIES.**

	pkt.	oz.	¼ lb.	lb.
Adriatic Barletta.....	10	25	75	2 50
Giant Rocca.....	5	20	40	1 25
Giant White Garganus Silver King.....	10	25	60	1 75
Mammoth Pompeii (Red Garganus).....	10	20	60	1 75
Neapolitan Marzajola.....	5	25	70	2 00
Queen.....	5	25	70	2 25
Prizetaker.....	10	25	60	1 90
Tripoli Large White Italian.....	5	20	60	1 75
Tripoli Large Red Italian.....	5	20	50	1 50
White Bunch.....	5	20	60	2 00

**ONION, BERMUDA VARIETIES.**

Pale Red Bermuda.....	10	20	65	2 25
White Bermuda.....	10	25	75	2 50

**PARSLEY.**

	pkt.	oz.	¼ lb.	lb.
Champion Moss Curled.....	5	10	30	90
Extra Double Curled.....	5	10	25	80
Fern Leaved.....	5	10	30	1 00
Henderson's Emerald.....	10	15	30	90

**PEAS, EARLY.**

If peas are desired by mail, please add 5 cents per pint and 10 cents per quart to pay postage.

	pkt.	pt.	qt.	pk.	bu
McLean's Advancer.....	10	20	30	1 25	4 00
Alaska.....	10	20	30	1 80	6 50
American Wonder.....	10	15	25	1 25	4 00
Blue Beauty.....	10	20	30	1 60	5 50
Chelsea.....	10	15	25	1 30	4 75
Daniel O'Rourke.....	10	20	30	1 50	5 00
Henderson's First of All.....	10	20	30	1 80	6 50
Premium Gem.....	10	20	30	1 80	6 50

**RADISH, EARLY ROUND VARIETIES.**

	pkt.	oz.	¼ lb.	lb.
Early Scarlet Turnip.....	5	10	20	60
"    "    White Tipped.....	5	10	25	70
Early Rose Turnip.....	10	15	30	80
Early Round Dark Red.....	5	10	25	70
Early Scarlet Globe.....	5	10	30	90
Red Forcing.....	5	10	25	70
Rapid Forcing.....	5	10	25	80
Yellow Summer Turnip.....	5	10	20	55

**RADISH, EARLY OLIVE SHAPED.**

French Breakfast.....	5	10	25	70
Olive Shaped Scarlet.....	5	10	25	75
Olive Shaped Yellow.....	5	10	30	90

**RADISH, LONG VARIETIES.**

Brightest Scarlet.....	5	10	20	60
Chartier (Beckert's).....	5	10	20	60
Chartier (White).....	5	10	25	65
Long Scarlet Short Top.....	5	10	20	60
Long White Vienna (Lady Finger).....	5	10	20	60
White Strasburg.....	5	10	20	65
Wood's Early Frame.....	5	10	20	60

**RADISH, WINTER VARIETIES.**

California Mammoth White.....	5	10	25	75
Long Black Spanish.....	5	10	20	60
Rose China Winter.....	5	10	20	60
Sandwich.....	10	15	40	1 25

**SPINACH.**

Large Round Viroflay.....	5	10	15	35
Long Standing.....	5	10	15	35
Round Leaf.....	5	10	15	35
Savoy Leaved Norfolk.....	5	10	15	35
Thick Leaved.....	5	10	15	40
Winter.....	5	10	15	40
Hardy Winter.....	5	10	20	60

**TURNIPS AND RUTA BAGAS.**

**WE DELIVER FREE** to any Post Office or R. R. Express Office in the U. S., at prices in this Catalogue. ALL VEGETABLE SEEDS offered on pages 16 to 19, except where noted.





SCARLET KASHMYR.

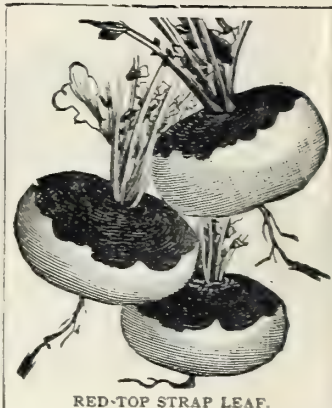
# TURNIPS.

This is the Time to Sow Them.

We Deliver Free To any Post-Office or R. R. Express Office in the U. S. at prices in this Catalogue all VEGETABLE SEEDS, offered on pages 16 to 19, except where noted.

## SCARLET KASHMYR TURNIP.

The earliest of the first early turnips; most distinct in appearance, small, rarely exceeding 3 inches in diameter, shape shown in cut. The leaves are few, small, entire or strap-leaved and quite smooth. The smallness of the leaves and tap root



RED-TOP STRAP LEAF.

is evidence of its good selection. The outer color rich crimson; the interior pure sparkling white. The flesh is crisp, tender, very fine grained, and exceedingly solid. (See cut.) PRICE, 10c. pkt., 15c. oz., 30c. ¼ lb., 75c. lb.

**RED-TOP STRAP LEAF.**—Rapid grower and of mild flavor, the most popular variety for early use. (See cut.) 5c. pkt. 10c. oz., 20c. ¼ lb., 45c. lb.

**EARLY PURPLE-TOP MILAN.**—5c. pkt., 10c. oz., 20c. ¼ lb., 65c. lb.

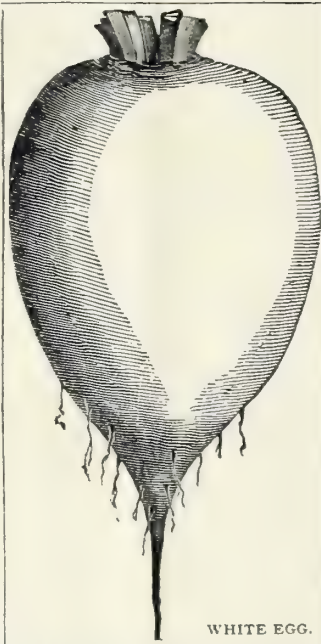
**Early White Strap Leaf.** Differs from the red only in color, being all white. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

**Early Snowball.**—A medium-sized round pure white variety of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet; maturing in six weeks from time of sowing. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

**LONG WHITE or COW HORN.**—Matures very quickly; roots shaped like a carrot, about half of which are formed above ground; flesh white, fine-grained and sweet, and of excellent quality for table use. 5c. pkt. 10c. oz., 20c. ¼ lb., 65c. lb.

**PURPLE-TOP WHITE GLOBE.**—An early variety, globe-shaped; heavy cropper; in other respects similar to the Red Top Strap Leaf. A handsome looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

**Early Flat Dutch.**—An excellent garden variety resembling White Strap Leaf, the best variety for spring sowing. 5c. pkt. 10c. oz., 20c. ¼ lb., 50c. lb.



WHITE EGG.

**WHITE EGG.**—Its shape is nearly oval or egg; flesh very firm and fine-grained, thin and perfectly smooth skin, and both flesh and skin are of snowy whiteness. Its flavor is of the very best, mild and sweet. (See cut.) 5c. pkt., 1 c. oz., 20c. ¼ lb., 60c. lb.

**GOLDEN BALL or ORANGE JELLY.**—This is the most distinct yellow turnip we know. The flesh is of very fine texture, making it one of the best table varieties. Its beautiful color and fine flesh have earned for it the synonym of "Orange Jelly," which well describes its appearance when ready for the table. The bulb is of a medium size, with small tap root, and is early in maturing. (See cut.) 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

**YELLOW STONE.**—One of the best and most popular yellow fleshed varieties for table use; it is equally good for feeding stock. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

**YELLOW GLOBE.**—One of the best varieties for general crop; flesh very firm and sweet, and keeps well until late in spring; grows to a large size, and is excellent both for stock and table use. 5c. pkt., 10c. oz., 20c. ¼ lb., 50c. lb.

**Purple-Top Yellow Aberdeen.**—Very hardy and productive, good keeper, globe-shaped and fine quality. 5c. pkt., 10c. oz., 20c. ¼ lb., 55c. lb.

## EARLY WHITE MILAN TURNIP.

An extra early Turnip, fit for use at least a week earlier than any other white variety in cultivation; the shape is shown in cut. The entire bulb, inside and out, is clear ivory-white and perfectly smooth. It grows so quickly that

even the outer surface of the bulb is quite tender. Its table qualities are unequalled, being of the most delicious flavor. It will undoubtedly find a welcome in our markets, as in addition to the heavy crop assured by its adaptability for close planting, it meets all the requirements of those desiring the earliest possible growth. 10c. pkt., 15c. oz., 40c. ¼ lb., \$1.25 lb.



EXTRA EARLY WHITE MILAN.



GOLDEN BALL.

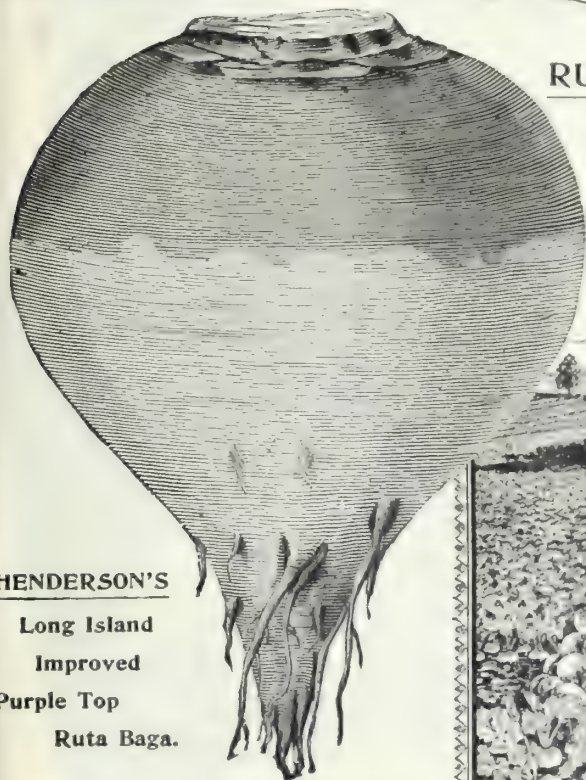


SUMMER IS THE TIME TO SOW

# Ruta Bagas,

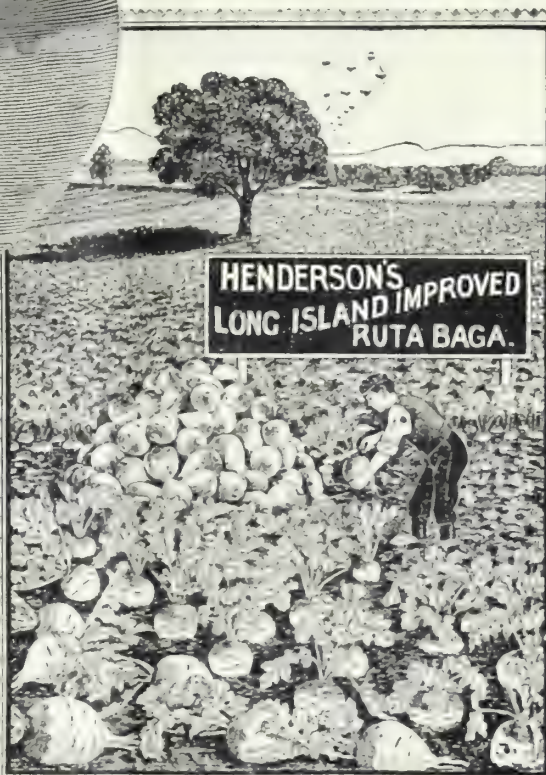
RUSSIAN OR SWEDISH

# Turnips.



**HENDERSON'S**

Long Island  
Improved  
Purple Top  
Ruta Baga.



**RUTABAGAS** come next to Mangels in importance for stock feeding purposes and can be sown much later. They grow very rapidly and yield from 25 to 35 tons per acre, in good rich deep soil, with proper cultivation. The Ruta Bagas proper should be sown in this latitude from May 25th to June 25th. If sown at the time mentioned, they should be sown in rows, 30 inches apart, and the plants thinned with a hoe to 12 or 14 inches apart; but if sown a month later they can be grown one-third closer, both in rows and between the plants. Sow 2 or 3 lbs. per acre.

## Henderson's Long Island Improved Purple Top Ruta Baga.

This is undoubtedly the finest variety of purple-top Ruta Baga, and is purely of American origin, having been originated by one of our Long Island growers. It is twice the size of ordinary American stocks, and although size is usually got at the expense of quality, the quality of this variety for domestic purposes is superior to any we have tested. It first came under our notice as a prize winner, and we feel certain that from its enormous size, solidity and good quality, it will prove to be a champion variety for exhibition purposes. In a fair test on several Long Island farms, alongside some of the best European and American varieties, it produced almost twice the weight per acre of any other variety. (See Cut.) 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.; 65 cts. lb.

### IMPROVED AMERICAN.

(Purple-Top.) An old leading variety very hardy and productive; flesh yellow, solid, sweet and fine flavored; equally good for stock or table use; one of the principal varieties raised by market gardeners, and was one of the best of all Swede turnips, until we introduced the "Long Island Improved," offered above, 5 cts. per pkt.; 10 cts. per oz.; 20 cts. per  $\frac{1}{4}$  lb.; 50 cts. per lb.

### LAING'S IMPROVED.

One of the earliest of the Ruta Bagas; forms a handsome bulb of good quality, keeps well; good for stock or table use. 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.; 50 cts. lb.

### HENDERSON'S GOLDEN HEART.

Invaluable for winter culture. It is entirely distinct from ordinary varieties. The flesh is remarkably fine in grain and of delicious flavor. It matures in 56 days from time of sowing. 10 cts. pkt.; 25 cts. oz.; 60 cts.  $\frac{1}{4}$  lb.; \$2.00 lb.

### LARGE WHITE FRENCH.

A superior variety for table or stock, flesh firm, white and solid; attains a large size and has a very rich and sweet flavor, a very popular variety. 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.; 55 cts. lb.

**WE DELIVER FREE** To any Post-Office or R. R. Express Office in the U. S. at prices in this Catalogue ALL VEGETABLE SEEDS offered on pages 16 to 19 except where noted.

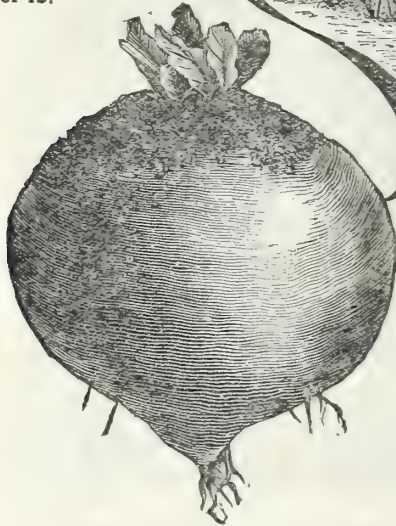


☞ SUMMER IS THE TIME TO SOW ☞

## MANGELS

THE best soil for Mangels is loose, friable loam and deep plowing. If expedient, follow the plow with a subsoil plow, and the crop will more than repay the extra trouble. The ground should be well enriched, and the seed sown in drills 24 inches apart in light soils, and 30 inches apart in strong rich land. Thin out the plants with a hoe to 9 inches apart in the former, and 12 inches apart in the latter. Six to 8 pounds of seed are used per acre if sown with a drill, or double that quantity if sown by hand. Cultivate with a horse hoe.

**Henderson's Champion Yellow Globe.**—Smooth, globe-shaped roots of large size and excellent quality, are the distinctive features of this variety. (See cut.) 15c.  $\frac{1}{4}$  lb.; 30c. lb.; 10 lbs. and upward, 25c. per lb.



HENDERSON'S CHAMPION YELLOW GLOBE MANGEL.

**Golden Tankard.** The flesh is bright golden yellow, and in this respect differs from most other varieties which cut white. The Golden Tankard is an exceedingly popular variety in Great Britain, where it is considered particularly valuable on account of its nutritious and milk producing qualities. Sheep have a preference for this sort over other Mangels; it is said that they will pick out every piece of Golden Tankard before touching others. It yields under the best cultivation 50 tons per acre. (See cut.) 15c. per  $\frac{1}{4}$  lb.; 30c. per lb.; 10 lbs. and upwards, 25c. per lb.

**Henderson's Giant Intermediate.** This is a variety between the Golden Tankard and Yellow Globe. It is larger than the Tankard, not such a rich golden color, but a heavier cropper. 15c. per  $\frac{1}{4}$  lb.; 32c. per lb.; 10 lbs. and upwards, 28c. per lb.

**Long Yellow.** Differs from the Long Red only in color. 15c. per  $\frac{1}{4}$  lb.; 30c. per lb., 10 lbs. and upwards 25c. per lb.

## SUGAR BEETS.

**Lane's Imperial.** An improved variety of French Sugar Beets obtained by careful selection in this country. 10c. per  $\frac{1}{4}$  lb.; 20c. per lb. 10 lbs and upwards, 15c. per lb.

**White.** Attains a large size and is extensively grown for feeding; largely cultivated in France for the manufacture of sugar. 10c. per  $\frac{1}{4}$  lb.; 20c. per lb.; 10 lbs and upwards, 15c. per lb.

**Vilmorin's Improved White.** A greatly improved variety of the preceding and containing a greater percentage of sugar. 10c. per  $\frac{1}{4}$  lb.; 25c. lb.; 10 lbs. and upward, 20c. lb.

HENDERSON'S COLOSSAL LONG RED MANGEL



### Henderson's Colossal Long Red.

The roots are smooth and regular, of the largest size and blood red color. The quality is exceedingly nutritious, and in all respects this variety is most distinct and valuable. (See cut.)

15c. per  $\frac{1}{4}$  lb.; 35c. per lb.; 10 lbs. and upwards, 30c. per lb.

*I raised over 100 tons of your Colossal Long Red Mangel on 2 acres. In many cases 3 weighed over 100 lbs., the best crop I ever saw on an average, either in this country or in England, and I have farmed in both countries.—John Hodgson, Crystal Lake Farm, Paterson, N. J.*

*We have always grown your Colossal Long Red Mangel, and we simply cannot run a winter dairy without them. Silo or no silo, the Beets make the milk.—H. Bewlay, Lexington, Ky.*





## MILLET, FOR SUMMER SOWING.

(Prices subject to Variation.)

Milletts are valuable as "catch" or "stolen" crops, especially in seasons when the hay crop is short. They are annuals, and grow rapidly, usually being ready for cutting in six weeks from seed sowing, and they withstand severe droughts generally remaining green when other crops are parched up. If cut when in blossom, Milletts cure into excellent hay, if allowed to ripen, they become too woody. Sow from May 1st to August 1st.

### Japanese Millet.

(*Panicum crus-galli major.*)

The best recent introduction for the Silo and Cutting Green. Especially valuable for the Northern and New England States.

Entirely distinct from any other Millet, grows 6 to 8 feet high and produces an enormous crop. Stands remarkably well notwithstanding its great height, and yields from 10 to 12 tons green fodder per acre. When cured it makes an excellent quality of hay, and its feeding value is far superior to corn fodder, and it is much relished by all kinds of stock, whether green or cured. If to be made into hay, cure as you would a heavy crop of clover.

This Millet does not endure drought well, except it be sown early in retentive soil, and it is not recommended for the Southern States; but north of Washington, and especially for good, rich soils, we confidently recommend its general cultivation.

It may be sown from the middle of May to the 1st of July, broadcast, at the rate of 15 lbs per acre, but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs per acre, and hoed between the rows to keep down all weeds until the plant attains a height of 12 to 18 inches, when its rapid growth will smother all weeds.

Price, 10c. lb., 10lbs. 90c., 100 lbs. \$7.50.



HUNGARIAN MILLET.

**Hungarian Millet** Is the quickest of catch crops for hay, and may be sown any time up to middle of August; it is invaluable for overcoming a shortage of the regular hay crop. Many farmers now occupy their land with other crops, and for their hay depend entirely on Hungarian Grass, which they can sow after other crops have been harvested. Sow 1 bushel per

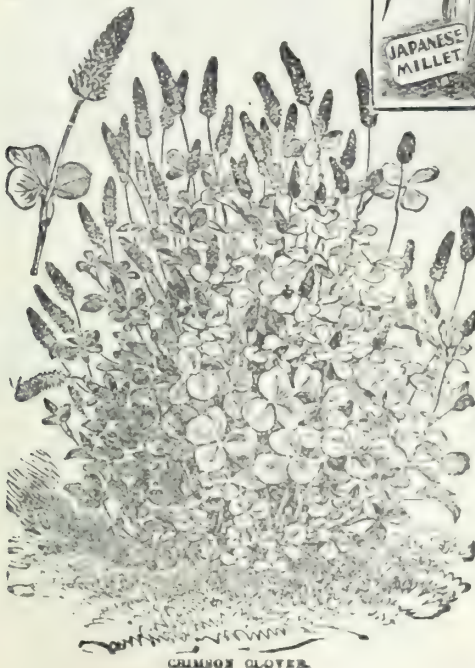
acre. 10c. lb., \$1.80 bushel, \$3.50 per 100 lbs., 10 bushels and upwards, \$1.75 per bushel.

**German or Golden Millet.** Considerably larger than Hungarian and yields a much heavier crop, but is later, consequently cannot be sown much after the 4th of July in this latitude. To maintain its heavy cropping character, seed of this variety needs to be specially cultivated. Our seed is specially grown and selected, and will produce nearly double the crop of seed not so grown and which can be offered at a cheaper price. Sow 1 bushel per acre. 10c. lb., \$2.25 bushel, \$4.25 per 100 lbs., 10 bushels and upwards, \$2.00 per bushel.

**Crimson or Scarlet Clover.** The value of Scarlet Clover is now thoroughly established, and we recommend that all lands from which crops have been harvested during the summer and fall should be sown with Scarlet Clover for plowing under the following spring. Authorities who have made a careful estimate state that plowing under a good crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre, and even if the Clover be harvested or pastured, the benefits derived from the wonderful nitrogenous root formation will alone many times repay the cost of seed and labor.

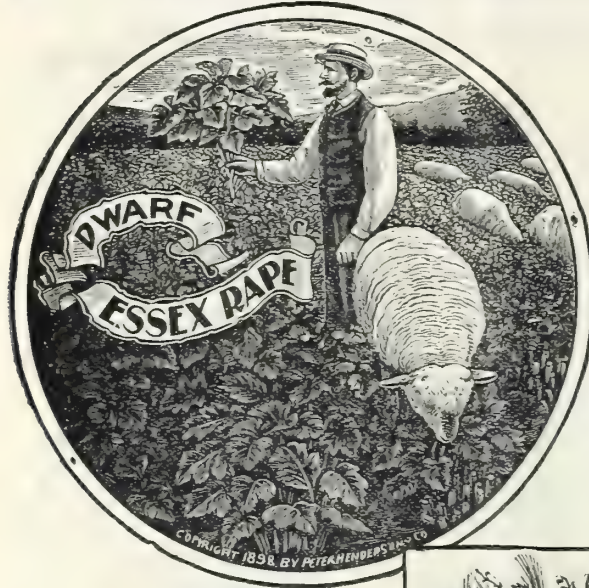
It may be sown among corn, tomatoes, turnips, etc., at time of last hoeing, or after potatoes, melons, cucumbers have been harvested or on grain stubble and harrowed in. When sown in July and early in August, it has proved hardy as far north as Michigan and Canada. In the latitude of New York, time of sowing may extend from July 15th to September 1st, and further south even later. Sow 15 lbs. per acre. Choice re-cleaned American grown new crop seed, 10c. lb., \$5.00 bush., \$8.00 100 lbs.

• Prices Subject to Change Without Notice.



CRIMSON CLOVER.





## TRUE DWARF ESSEX RAPE.

Valuable for Cattle, Sheep and Hogs.

In the United States we have millions of acres of good land that annually lie idle or run to weeds the latter part of the season, after the grain, potato and hay crops have been harvested, a large portion of which might be made to produce one of the finest feeds imaginable, and in the greatest abundance, at a time when cattle, sheep and hogs are roaming through bare pastures in search of a scanty living. Under favorable conditions it is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry twelve to fifteen sheep six weeks to two months. When on the Rape they should at all times have access to salt; but water is not necessary. There are several varieties of Rape, but care should be taken to procure the **Dwarf Essex**, or English, as it is sometimes called, which does not seed the same season as sown, unless in some exceptional cases, as when sown too early and the young plant is touched by frost. In the Northern States it should be sown from April to end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September, or October for winter pasture. In the latitude of New York it should be sown in April, or in July or August. Its fattening

properties are probably twice as good as those of Clover, and for sheep the feeding value of Rape excels all other plants we know of. At the Michigan Experiment Station, 128 lambs were pastured for eight weeks on 15 acres of Rape sown in July, and showed a gain of 2,890 lbs., or at the rate of 8 lbs. per lamb each week. Even so far South as Alabama it has proved a boon to the farmer. In a recent bulletin published by the Alabama Experiment Station, they state: "Quality of product good for both hogs and cattle. The growth was enormous. By repeated sowings it will and did carry more hogs through our dry, hot summers than four times the amount of land planted in anything else ever grown here. I would recommend it to all Southern farmers." To secure the best results, the Rape should be sown in drills. Sow four lbs. per acre broadcast two to three lbs. per acre in drills. (See cut.) Price of True Dwarf Essex Rape, 10c. lb., \$3.75 per bushel of 60 lbs., 100 lbs., \$7.50. If by mail, add 8c. per lb.

Sand or Winter...

## VETCH.

(*Vicia Villosa.*)

Is perfectly hardy throughout the United States, remaining green all winter, and should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in spring with Oats or Barley.

It grows to a height of 4 to 5 feet and is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Being much harder than Scarlet Clover, this is the forage plant to sow in the Northern States, where Scarlet Clover winter kills, though it is equally valuable in the South.

It is exceedingly nutritious, much more so than Clover, is eaten with relish and may be fed with safety to all kinds of stock.

Sow one bushel per acre with one-half bushel of Rye or Wheat. (See cut.) 15c. lb., \$2.00 peck. \$7.25 bushel of 60 lbs., 100 lbs., \$12.00. If by mail, add 8c. per lb.



## JAPANESE BUCKWHEAT.

Introduced into cultivation by us in 1887, and by constant selection we have fully maintained the large grain, totally unlike the small grain usually found on the market.

This variety has superseded all others and is now almost universally grown in preference to the common black and Silver Hull varieties. The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct. The color is also most distinct, being a rich dark shade of brown. The straw is heavier, it branches more, and does not need to be sown as thickly as the other kinds. Flour made from it is greater in quantity and equal in quality if not superior to that of any other Buckwheat, and, as the yield shows, it is enormously prolific. It ripens a week earlier than the Silver Hull, and yields two or three times as much. (See cut.) \$1.50 per bushel, 10 bushel lots, \$14. per bushel.

Truly the Japanese Buckwheat is one of the greatest improvements, in a single line of grain, of the present age. All other kinds of Buckwheat can be well thrown aside; and not only the bee-keepers of our land, but farmers in general, can unite in tendering a vote of thanks to our enterprising seedsman, Peter Henderson.—"Gleanings in Bee Culture."



FARM SEEDS we do NOT deliver free, but when small quantities are wanted we will prepay carriage in United States if 8c. per pound is added to prices.



**The HENDERSON HAND GARDEN PLOW, FURROWER, HILLER and SCUFFLE HOE.**

Price, complete, as shown in the cut. \$3.00

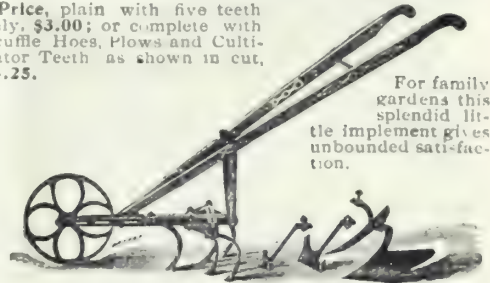


This is one of the handiest garden tools ever used, very light (weights only 20 lbs.) but strongly made and finely finished; adjustable frame. It is equipped with a plow, suitable for opening and covering furrows, hilling celery, potatoes, etc. The Scuffle Hoe cuts off weeds below the surface and loosens the surface of the soil; it is also fine for cleaning walks; the seed furrow opening tooth is also very useful for its purpose. The rake attachment will level and fine the soil in preparing seed beds, and is a useful attachment for killing small weeds and surface cultivation generally.

**The "GEM OF THE GARDEN."**

**SINGLE WHEEL HOE AND CULTIVATOR.**

Price, plain with five teeth only, \$3.00; or complete with Scuffle Hoes, Plows and Cultivator Teeth as shown in cut, \$4.25.



For family gardens this splendid little implement gives unbounded satisfaction.

Made of steel and malleable iron. The set of five slender cultivating teeth, each stamped from one piece of steel, cannot be excelled for thorough work in loosening and pulverizing, especially in hard soil. The scuffle hoes cut off weeds, clean walks, etc., while the two plows hill up potatoes, trow out, etc.



**"Regulation" GARDEN WHEELBARROW.**

A superior barrow, handsomely painted and striped; iron leg braces bolted on.

Number.	Size.	Price.
No. 2.	Boy's	\$2.75
No. 4.	Medium	3.50
No. 5.	Large.	4.00



**"HARROW-CULTIVATOR"**

A splendid tool for cultivating garden and field crops in rows. The numerous diamond-shaped steel teeth thoroughly pulverize and loosen the soil without throwing earth on the plants. The frame expands or contracts by operating the lever between the handles. The back hoe sweep cuts off weeds. Price, with lever expander and lever wheel, \$5.40. Sweep, extra, 10c.

**SEND FOR IT.**  
MAILED FREE.

**HENDERSON'S NEW TOOL**  
AND...

**IMPLEMENT ..**  
**CATALOGUE**

IT DESCRIBES AND SHOWS LARGE ILLUSTRATIONS OF THESE AND MANY OTHER

**Implements, Tools and Requisites**

FOR THE

FARM, GARDEN, LAWN, GREENHOUSE, DAIRY, STABLE, POULTRY YARD, ETC.



**Steel Wing Shovel Plow & Potato Digger.**  
Wings can be placed at any angle, to throw more or less dirt in cultivating or furrowing. Price, \$8.50, or with potato digging attachment, \$9.00.



**Planet, Jr. Celery Hiller.**  
Indispensable for large celery growers. Has lever wheel for regulating depth; lever expander to regulate quantity of earth thrown; leaf lifter to save previous "handing." The "Single" Hiller throws rather higher and works in narrower rows, but only does one side of a row. Double row hiller, \$13.00; Single, \$10.00.

**PLANET, JR., No. 4.**

Family Garder: Will Dropping and Continuous Row Seeder.

Sows all garden seeds from the smallest up to peas and beans in a continuous drill, or will drop in hills 4½, 6, 8, 12, 18, or 36 inches apart. It sows with the utmost accuracy as to quantity, distance and depth, opening the furrow, dropping the seed, covering and rolling it for the next row in one operation. Price as a drill, only \$8.00 or complete

as shown in cut. \$10.00.



PLANET JR. No. 4.

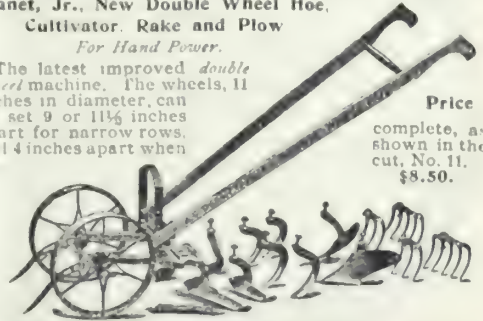
**Planet, Jr., New Double Wheel Hoe.**

Cultivator. Rake and Plow

For Hand Power.

The latest improved double wheel machine. The wheels, 11 inches in diameter, can be set 9 or 11½ inches apart for narrow rows, and 14 inches apart when

Price complete, as shown in the cut, No. 11, \$8.50.



used as a single-wheel hoe; the arch is 20 inches high, allowing it to straddle steps when well grown. The outfit or tools comprises the greatest variety and all of the latest designs, covering every possible need. Prices: No. 11, as shown in cut \$8.50; No. 12, less rakes and 1 pair hoes, \$6.50; No. 13, with only 1 pair 6-inch hoes, \$4.50.





**The Henderson "BALL-BEARING" Hand Lawn High Wheel Mower.**

**INVENTION'S RIPEST FRUIT! HAS BEARINGS LIKE A BICYCLE! THE LIGHTEST WORKING MOWER MADE.**

**A 24-inch cut pushes as easily as an ordinary Mower of only 16-inch cut. A lawn may now be mown in one-half the time required with old style narrow-cut Mowers.**

The "Henderson Ball-Bearing" Lawn Mower is superior to all other Mowers in the following respects: The axles of the revolving cutter, like the axles of a bicycle, work in "ball-bearing" journal boxes or cups, which reduces the friction enormously. These parts are made of the finest case-hardened steel, and will last for years, though we have provided against wear should there be any—so that any one by simply loosening one screw and tightening another, can force the cup and balls higher up the cone-shaped ends of the revolving shaft thereby taking up all possible wear. This adjustment is so simple, yet positive, that it can be set to a hair. Our Mower is also built scientifically correct in other respects, resulting in a phenomenally light running Mower. A 24-inch cuts the grass as easily as a 16 inch old style Mower.

A wide-cut Mower, in addition to doing the work a great deal quicker, lasts much longer than a narrow-cut Mower, for there is less wear; in other words, if it requires 100 times around with a 12-inch Mower to cut a lawn, it will only take fifty times around to cut it with a 24-inch Mower.

The "Henderson Ball-Bearing" is strictly a high class Mower; we have not endeavored to make it "cheap" but the best we know how—from the highest quality of iron and steel, which has enabled us to very materially reduce the weight. The castings are lathe turned and bored, and the journals machine-trimmed, which insure strength in lifting and smoothness in working, with no irregularities to wear off and leave rattle and play. The knives, of the finest steel and temper, are sharp and cut like razors, and will keep so if the under knife is kept tight and up to the revolving knives; for then the blades wear to the same bevel, and in consequence, are self sharpening. We have so simplified the adjustments in our new Ball-Bearing Mower that even those ignorant of mechanics will have no trouble in always keeping our Mower in fine cutting order, and the lawn in uninjured condition.

The "Henderson Ball-Bearing" Mower has high drive wheels, both of which are connected by "train

gears" to the large, open, non-clogging cylinder placed far enough back to prevent any "kicking up" of the Mower when it strikes heavy grass. The spiral of the knives is correctly proportioned to give a continuous cut leaving the lawn as smooth as if shaved, entirely free from the corrugated surface left by other Mowers. The handles are braced and reinforced to prevent twisting and breaking when one side of the Mower is held off the ground, and besides the handle is equipped with improved "grips" which keeps the hands in a natural position, gives more power, and is less tiresome than a continued grasp, with wrists twisted, on a horizontal grip.

We wish to reiterate that our "Henderson Ball-Bearing" Mower is made without regard to cost—to be the best, most durable, and the easiest working Mower on the market, and while the prices are necessarily a little higher than those of Mowers simply made to sell, yet in the end our Mower will prove much cheaper, aside from annoying delays and repairs experienced with cheap Mowers.

**PRICES OF THE HENDERSON "BALL-BEARING" LAWN MOWERS.**

*Strictly net; no charge for packing or cartage.*

16-inch cut.....	\$10.00
18- " " .....	11.00
21- " " .....	12.50
24- " " .....	14.00

**GRASS CATCHERS FOR THE HENDERSON B. B. MOWERS.**

These catchers are of superior heavy duck, are quickly attached, removed or dumped. Price of Grass Catchers for

16 inch .....	\$1.75	18 inch .....	\$1.95
21 " .....	2.00	24 " .....	2.50





## THE "HENDERSON" HORSE LAWN MOWER.

This is the best horse-power mower manufactured; simple in construction, very durable, nothing but the very best steel and iron is put in it. It is quickly adjusted to cut high or low, and the arrangement for throwing in and out of gear and for raising the knives when passing over stones, rough places or roads is operated from the seat. The side draught (applicable to either side) keeps the horse on the cut grass and prevents trampling down that which is to be mown. The revolving knives are "high speeded," making a continuous cut and leaving the surface of the lawn as smooth as velvet.

Prices of the Henderson Horse Lawn Mower, (strictly net; no charge for cartage or boxing) complete with seat, shaft and side draught.

30-inch cut, \$60.00; 35-inch cut, \$67.00; 40-inch cut, \$75.00.  
 (List price \$110.00) (List price \$135.00) (List price \$170.00)

HORSE BOOTS, IMPROVED, BEST QUALITY, \$9.00 PER SET OF FOUR.

### "RUNAWAY" HIGH WHEEL LAWN MOWER.

A first-class high wheel lawn mower at a popular price; the four revolving knives give a continuous cut; made of best materials, easy running, and fully warranted.

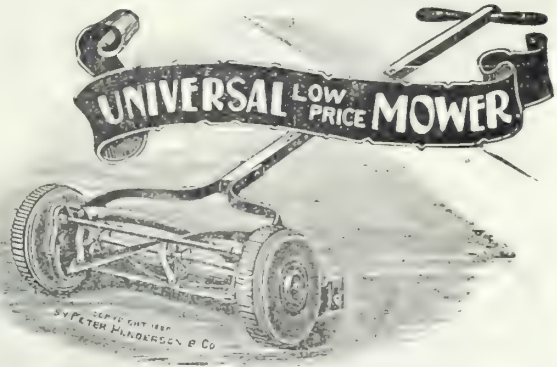
Prices strictly net; no charge for boxing or cartage.

12-inch cut.....	\$4.00	18-inch cut.....	\$5.50
14- " " .....	4.50	20- " " .....	6.00
16- " " .....	5.00	Grass catchers extra	1.00

### UNIVERSAL LOW-PRICED LAWN MOWER.

Prices strictly net; no charge for cartage or packing.

10-inch cut.....	\$2.75	16-inch cut .....	\$3.50
12- " " .....	3.00	18- " " .....	3.75
14- " " .....	3.25	Grass catcher extra.	.75



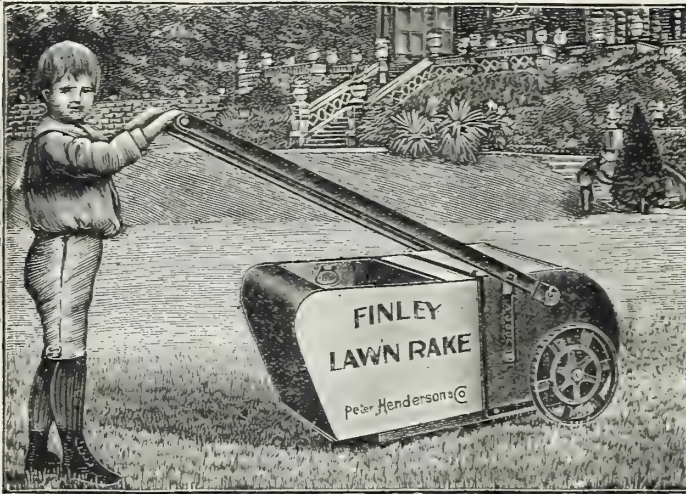
## HENDERSON'S EASY BORDER MOWER.

Especially designed to cut the grass on borders—the narrow strips of sod, sometimes only a few inches wide—between flower beds and walks, where a side-wheel mower would have one wheel down in the gutter. A large light cylinder the full width of the mower, keeps the machine level with the surface. This mower is also useful for regular lawn work.

Prices strictly net; no charge for boxing or cartage.

10-inch cut.....	\$6.00	16-inch cut.....	\$9.00
12- " " .....	7.60	18- " " .....	10.00
14- " " .....	8.00	20- " " .....	11.00



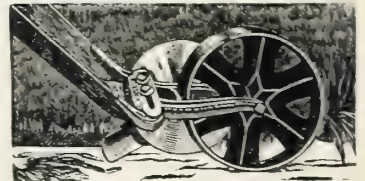


## Finley New Rotary Lawn Rake

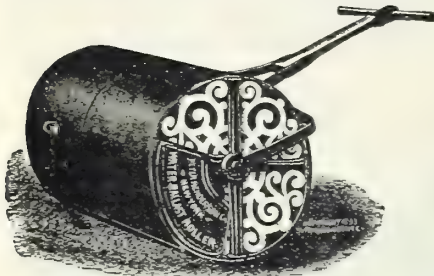
A thoroughly satisfactory machine for raking the lawn after mowing. It gathers up and throws back into the large collecting box, all cut grass, leaves, small stones, sticks, etc.; nothing escapes. When the box is full it is removed, dumped and replaced in a moment. It works something like a carpet sweeper, excepting that the revolving rakes have flexible steel teeth in place of bristle brushes, these practically combing the grass. It can be set to rake low or high, as desired. For cleaning out crab grass it is invaluable. It is simple and strong, and can easily be pushed by a man. It does the work of at least three men, leaving the lawn in beautiful condition, clean, bright and green. **Price, regular size,** sweeps 20 inches wide, \$12 00; **small size,** sweeps 14 inches wide, \$10 00.

## The "PLANET, Jr." Lawn and Turf Edger.

This little tool trims the turf around the edges of the flower beds, walks, roads, etc.; the revolving cutter does perfect work either on a curved or straight border, edging accurately at just the correct angle, and at the speed of a mile an hour, while the hoe cleans the bottom of walk. The hoe can be removed if desired. It is invaluable in giving a finished appearance to the lawn. Weighs 26 pounds. **Price, complete, \$6.00.**



THE "PLANET, JR." LAWN AND TURF EDGER



## The Henderson "Water Ballast Roller."

FOR HAND POWER.

Weights only 280 lbs., and loads with water or sand to any weight desired up to 600 lbs. It is made scientifically correct, draft much lighter than any other roller of equal size. It tracks two feet and is 24 inches in diameter, is in two sections, turning on grass without tearing it; does perfect work on lawns, walks, driveways, etc. **Price, \$30.00.**

**CAST IRON ROLLERS** for Hand and Horse Power, all sizes and weights. Send for prices.



The Barrel is raised from the ground, carried to the place desired and can be readily disconnected from or attached to the truck while barrel is either full or empty. We have wheels 1 1/2, 2 1/4 and 3 1/2 in. tire, but always send truck with wheels 1 1/2 inch tire, unless otherwise specified. We also supply as extra attachments the following: A Box with trunions and spring catch, making a very superior dumping Hand-cart. A Sprinkler, invaluable for watering lawns and sprinkling walks. Water is turned on and off by hand wheel and ball valve. A Leaf Rack. (Knocks down for shipment.) A Force Pump. "The Gem" can be set on windows and carriages, spraying trees, watering plants with plain water or solutions for killing insects, etc. The working parts of the pump are all brass. It works very easily, and

### PRICES

Truck and barrel, 1 1/2 in. tire...\$10.00  
Truck and barrel, 2 1/4 in. tire...\$11.00  
Truck and barrel, 3 1/2 in. tire...\$12.00  
Extra barrel, with trunions on 2.75

Extra trunions, per pair .....\$0.50  
Hand-cart box ..... 3.00  
Leaf Rack ..... 5.00  
Sprinkling attachment..... 3.00

Gem Force Pump Attachment. \$5.00  
*(If truck and trunions without barrel are wanted, deduct \$2.00 from prices of trucks with barrel.)*

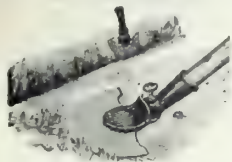
SEND FOR OUR NEW IMPLEMENT CATALOGUE, IN WHICH IS OFFERED MANY OTHER LAWN ESSENTIALS.

**Revolving Sod Trimmer or Border Cutter**



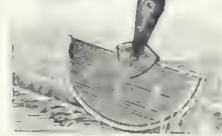
For trimming turf around edges of walks and beds. A revolving knife enables the work to be done with rapidity. Price, \$1.25.

**Combination Border Knife and Scuffle Hoe.**



For edging up borders and cleaning walks. Instantly changed from edger to scuffle hoe. Price, 7 1/2 in. blade, 75c. each; 9 in. blade, 90c. each.

**"Half Moon" Grass and Turf Edging Knife.**



For trimming the sod around borders of walks, etc. Price, with handle, 50c. each.

**WHEEL SCUFFLE HOE.**



Works very easily; cuts off all weeds in garden walks and roads. 9-inch blade, 7-foot handle, 2 wooden wheels, with scraper, \$1.50.

**Lawn Shears.**



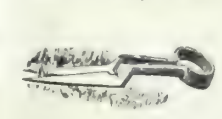
For cutting grass under shrubs, fences, etc. Price, with 2 wheels, 9-inch blades, \$3.00.

**Grass Edging or Border Shears.**



For trimming overhanging grass around edges of walks, etc. Price, 9 inch blades, \$2.50, or with wheel, \$2.85.

**"Curved Handle" Grass or Sheep Shears.**



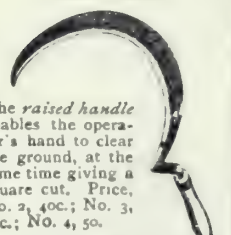
Extra long 7 inch blades. The handles are curved to prevent rubbing the knuckles on the ground. Price, \$1.00, or mailed, \$1.15.

**Hedge Shears, also used for Trimming Grass.**



Length of blade. With notch.  
8 inches, \$1.25. \$1.50.  
9 " 1.50. 1.75.  
10 " 1.75. 2.00.  
The "notch" is at the heel of the blades, for cutting small branches.

**The "Knuckle Saver" Grass Hook.**



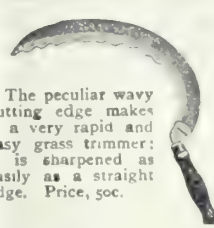
The raised handle enables the operator's hand to clear the ground, at the same time giving a square cut. Price, No. 2, 40c.; No. 3, 45c.; No. 4, 50c.

**Imported English Riveted Back Grass Hooks.**



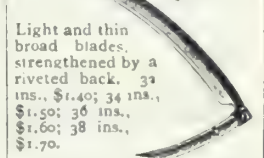
Thin, sharp blades strengthened by a riveted back, light and rapidly handled. Small, 50c.; Medium, 55c.; Large, 60c.

**Serrated Grass Hook**



The peculiar wavy cutting edge makes it a very rapid and easy grass trimmer; it is sharpened as easily as a straight edge. Price, 50c.

**Imported English Riveted-Back Lawn Scythe.**



Light and thin broad blades, strengthened by a riveted back. 33 ins., \$1.40; 34 ins., \$1.50; 36 ins., \$1.60; 38 ins., \$1.70.

Scythe Snaths or Handles. With patent fastening, 85c. ea.

**Old-Fashioned Sun Dials.**



Very unique and interesting lawn ornaments. Price, \$1.50 each.

**Imported Turfing Iron.**



An important tool for lifting sod evenly, rapidly and without breaking. \$5.00. Turf Cutting Axe, \$2.25.

**Cane Weeding Gouge.**



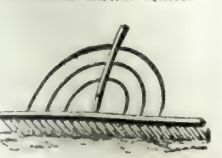
**Cane Weeding Gouge.** A convenient tool for cutting weeds out of lawns without marring the surface. Price, 50c. each.

**Henderson's Lifting Weeder.**



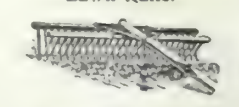
A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. Price 60c. each.

**Wooden Lawn Rake.**



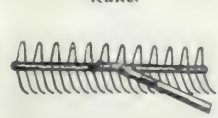
Best selected three bow, 24 teeth, varnished head, 35c. each, \$3.50 per doz.

**Automatic Self-Cleaning Lawn Rake.**



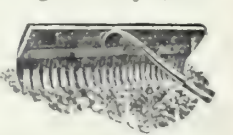
A backward motion of the operator will clean all the teeth at once, thus avoiding cleaning the teeth with the fingers. Made of best hickory.  
26 teeth, \$0.90 each.  
38 " 1.15 "  
52 " 2.00 "

**Reversible Steel Lawn Rake.**



Heavily tinned steel teeth. The arched teeth for leaves and litter, and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price, 50c. each.

**English Daisy Rake.**



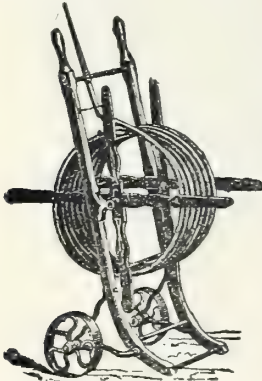
For running over lawns, tearing off disfigurement, daisy and dandelion flowers, which are carried in the deep hooded head.  
16 inch head, \$3.00.  
20 " " 3.50.  
24 " " 4.00.



**Bent Leg Hose Carriage.**

This is the best wooden reel made—it is not easily tipped over. Can be rolled from place to place. By using a reel the hose is always drained, thus preventing it from rotting.

No.	Holds $\frac{3}{4}$ Hose	Price.
A	100 ft.	\$2.00
B	200 ft.	2.2



BENT LEG HOSE CARRIAGE.



HENDERSON'S "BEST PARA" HOSE.  
(Showing new "water tight" couplings on.)

**Henderson's "Best Para" Rubber Hose.**

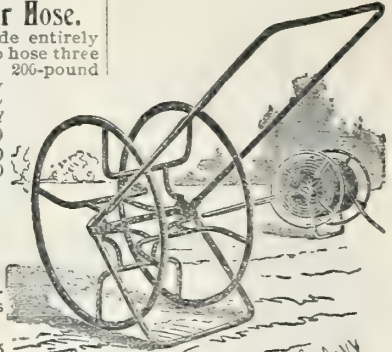
The highest grade of garden hose, being made entirely from New Para Rubber, and will outlast cheap hose three times over. We guarantee it to stand a 200-pound pressure. Every length is fitted with the new water-tight couplings. (Hose is furnished only in 25 feet and 50 feet lengths; the sizes  $\frac{3}{4}$  and 1 inch refer to the internal diameter of the bore)

$\frac{3}{4}$  in., per 25 ft. length, \$4.25; 50 ft. length, \$8.00  
1 " " 25 " " 6.00; 50 " " 11.00

**"STANDARD QUALITY" RUBBER HOSE.**

A good hose and will stand a 75-pound pressure, yet it is not warranted. Each length is fitted with the regular couplings.

$\frac{3}{4}$  in., per 25 ft. length, \$3.00; 50 ft. length, \$5.75  
1 " " 25 " " 3.75; 50 " " 7.00



"ALL IRON" HOSE REEL.

**"All Iron" Hose Reel.**

Is constructed entirely of iron and is indestructible. It is light in weight, frictionless, and the wheels being high makes it easily manipulated; a good, strong handsome and convenient reel.

No.	Height wheels	Holds $\frac{3}{4}$ Hose	Price.
10	21 in.	10 ft.	\$3.00
20	24 in.	150 ft.	3.2
30	30 in.	500 ft.	5.00



**Brass Hose Nozzle.**  
With stop cock, spray rose and stream. Prices, for  $\frac{1}{2}$  and  $\frac{3}{4}$  in. hose, 75c.; for 1 in., 90c. postage 10c. extra.

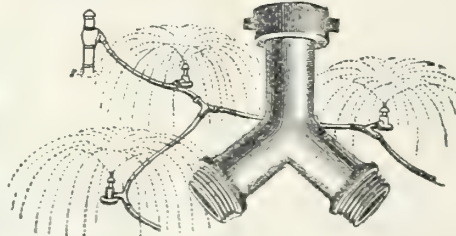


**The "Graduating" Spray Nozzle.** Will throw a coarse or a fine spray or a solid stream. Price,  $\frac{3}{4}$  in. 50c.; 1 in. 60c.; postage extra 5c.

**Hudson's Hose Mender.**



Practical, simple, perfect. Price, per box of 6 tubes, 20 bands and 1 pair of pliers, 75c.; or by mail, \$1.00. (Give size of hose.)  
TUBES,  $\frac{1}{2}$  in. 2c.;  $\frac{3}{4}$  in. 3c.; 1 in. 4c. each.  
BANDS, 30c. per doz.  
PLIERS, 80c.; by mail, 85c.

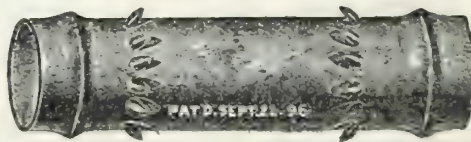


**"SIAMESE" LAWN . . . SPRINKLER COUPLER.**

By Using These, Several Sprinklers can be Operated at One Time, Providing the pressure and volume of water are sufficient. A three-quarter inch hose and thirty to forty pounds pressure will operate three sprinklers; a forty to fifty-pound pressure, four sprinklers; with one-inch hose and a good pressure, six sprinklers can be operated satisfactorily. This method of watering is valuable for thoroughly saturating large areas of lawn or garden, distributing the water more evenly and thoroughly than can possibly be done with a hose nozzle.

We found the "Water Witch" Lawn Sprinkler (with spur to stick in the ground) the best sprinkler for the purpose. One of these sprinklers and the "Siamese" were applied at the end of every twenty-five foot length of hose. Price "Siamese" coupler for  $\frac{3}{4}$ -in. hose, 60c.; by mail, 70c.; for 1-in. hose, 75c.; by mail, 85c.  
For prices of "Water Witch" Sprinklers see page 19.

**The "Cooper" Brass Hose Mender.**



Made of thin brass tubing; will not rust or wear out; scarcely decreases the flow of water. No fastening is required; the bars will hold hose firm. Price, for hose with  $\frac{1}{2}$  in. bore, 7c. each, 75c. doz.; for hose with  $\frac{3}{4}$  in. bore, 7c. each, 75c. doz.; for hose with 1 in. bore 8c. each, 85c. doz. If wanted by mail, add 5c. per doz., at the single price, postage free.

**Paragon Hose Nozzle.**



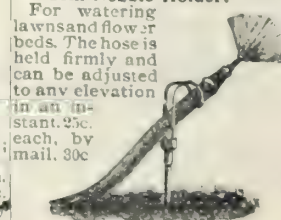
It throws either stream or flat, fan-shaped sheet spray as desired; splendid for watering lawns and flower beds. For  $\frac{3}{4}$ -in. hose, 60c.; postage 5c. each extra.

**Florists' and Gardeners' Hose Sprinkler.**



A wide-face nozzle. The holes are small and numerous, so that a copious yet gentle shower is given without washing or packing the soil. Price, for  $\frac{3}{4}$ -in. hose, 3-in. face, 60c.; 4-in. face, 85c.; postage 10c. each extra.

**Gem Nozzle Holder.**



For watering lawns and flower beds. The hose is held firmly and can be adjusted to any elevation in an instant. 25c. each, by mail, 30c.

**HENDERSON'S ("4-Arm and 8-Arm") LAWN... SPRINKLERS.**

Serve the double purpose of a beautiful fountain and of thoroughly saturating the grass or garden. The water is distributed in fine drops over an area of 70 to 100 feet in circumference, according to the pressure on the water. An ornamental standard, about 4 feet high, is surmounted with long perforated arms, which revolve, so the beautiful sprays are constantly changing. **Prices:** for a 4-arm sprinkler \$8.00; for an 8-arm, \$3.50.

**BALL and BASKET.** This fits on top of the Henderson sprinkler, and the stream of water keeps the silvered ball dancing on its summit up in the air. When the ball falls the basket catches it, and it rolls into the centre and is again raised by the water. **Price,** \$2.75 extra.

**THE "COMET" LAWN SPRINKLER.**

Will sprinkle an area Four Times greater than any other sprinkler.

By means of the swiftly revolving arms and intermediate gears the upper part of the body is made to revolve slowly around, carrying the hose nozzle, from which a large stream of water is thrown far out beyond that thrown by the arms, thereby covering four times the space of any other stationary sprinkler. With an ordinary force of water it will thoroughly sprinkle a space of 80 feet in diameter. The nozzle and arms are adjustable, so that it can be adapted to as small a space as desired. **Price,** \$5.00.



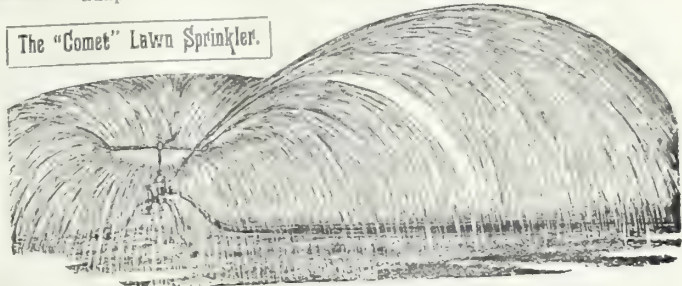
THE HENDERSON LAWN SPRINKLER.

**"MAID OF THE MIST"**

**THREE-ARM LAWN SPRINKLER.**

This fills the want for a low-priced arm sprinkler; it is compactly and strongly made with phosphor-bronze bearing, and will cover a space 48 feet in diameter with suitable pressure of water. The top and arms are of brass, nickel plated, stand and legs of iron, handsomely japanned. The water flows freely through an unobstructed channel, so there is no clogging—it stands 12 inches high. (See cut.) **Price,** \$1.25.

The "Comet" Lawn Sprinkler.



MAID OF THE MIST.

**COMMON SENSE LAWN SPRINKLER.**

There are no moving parts to get out of order, no arms to get bent, stopped up, etc. The Sprinkler may be cleaned in a moment, should it become choked, by simply loosening the nut, the force of water will drive out any dirt that has accumulated.

In use the most beautiful water effect is produced, there being a large umbrella spray, very fine, as well as jets nearly upright; these jets not only add to the beauty of the fountain, but by falling upon the umbrella spray break it up more and dash the water over all parts of the large circle. The parts all being rigid there is little loss of pressure.

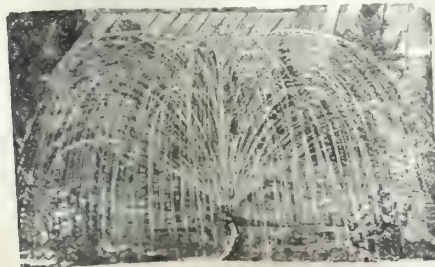
While the area covered is very large, yet the spray is so fine that comparatively little water is used; not only this, but the spray being very fine, the sunshine produces most beautiful rainbow effects.

The diameter of the circle will vary with the pressure; good to heavy pressure will wet a circle 20 to 40 feet in diameter. **Price,** \$1.25 each.

**The "WATER WITCH" Lawn Sprinkler.**

(With or Without Stand.)

An effective device for sprinkling lawns, gardens or flower beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter.



THE "WATER WITCH" LAWN SPRINKLER.

It works more satisfactorily with a very low pressure of water than any sprinkler we know of. (See cut.)

**Price,** without stand (i. e., with spur to stick in the ground), 75c. each; by mail, 85c. each. **Price,** with stand (cannot be mailed), \$1.25 each.



COMMON SENSE LAWN SPRINKLER.



## STAKES.

### ROUND GREEN TAPERING.

2 feet.....	3c. each,	\$0.25 doz.,	\$1.75 hun.
3 ".....	5 " "	.50 "	3.50 "
4 ".....	7 " "	.75 "	5.00 "
5 ".....	8 " "	.90 "	6.50 "

### SQUARE GREEN TAPERING.

2 feet.....	3c. each,	\$0.25 doz.,	\$1.50 hun.
3 ".....	4 " "	.40 "	2.75 "
4 ".....	5 " "	.50 "	3.50 "
5 ".....	6 " "	.65 "	4.25 "
6 ".....	7 " "	.80 "	5.50 "

### Round Green Dahlia Stakes, White Fancy Turned Tops.

2 feet.....	3c. each,	\$0.30 doz.,	\$2.00 hun.
3 ".....	5 " "	.50 "	3.50 "
4 ".....	7 " "	.75 "	5.00 "
5 ".....	10 " "	1.00 "	6.50 "
6 ".....	14 " "	1.50 "	10.00 "



FANCY "COLUMBIA" TUB.

## "Columbia" Flower Tubs.

Durable cypress staves, held by strong steel wire hoops that can be tightened by draw screws connected with the handles. The "Fancy" (see cut) has staves finished like red wood, alternating with staves of natural finish, all varnished. The "Plain" has smooth top and is entirely natural wood.

Diam-				Diam-					
No.	eter	Height	Fancy	Plain	No.	eter	Height	Fancy	Plain
A.	12 in.	11 in.	\$1.50	\$1.00	D.	21 in.	18 in.	\$3.75	\$2.50
B.	15 in.	14 in.	2.25	1.50	E.	24 in.	20 in.	4.50	3.00
C.	18 in.	16 in.	8.00	2.00					

## EARTH WORM EXTERMINATOR.

For immediately removing Worms of every kind from Putting Greens, Tennis Courts, Lawns, Garden Plots, Flower Pots, Etc., without injury to Grass or the most delicate Plant or Flower.

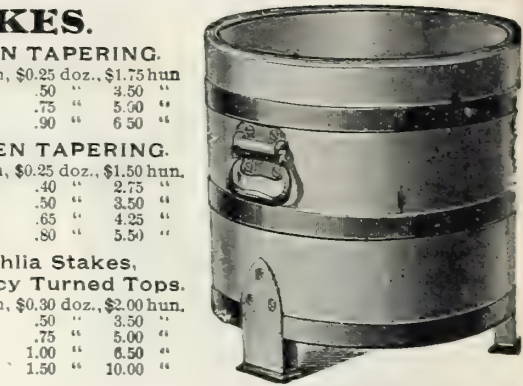
An ounce of the Exterminator (about two tablespoonfuls) mixed with one gallon of water, applied with a watering can, and used freely in the ordinary way of watering, will immediately cause the worms to rise to the surface of the lawn or pot, and should at once be picked up and burned, for if left about they would injure birds or fowls.

1½-PINT BOTTLE, makes 10 gallons of liquid,	- 50c.
1½ " " " 30 " " "	- \$1 00
2½-QUART " " 100 " " "	- 3.00

Mr. E. B. CURTISS, Captain of the Fairfield County Golf Club, Greenwich, Conn., writes:

"Gentlemen:—I am so pleased at the effect produced by the first application of your 'Worm Exterminator' made to-day that I cannot refrain from writing you. Three quart of the 'Worm Exterminator' mixed with 60 gallons of water sprinkled on the surface of a Putting Green, 60 feet square, covered it in a jiffy with countless squirming nuisances. We feel now that there is a way of escape from what had seem an incurable evil."

Mr. OTTO ANDRAE, of Central Valley, N. Y., states that he has used this 'Worm Exterminator' with great satisfaction for destroying slugs and other insects that infested his mushroom houses.



CEDAR TUB.

## Cedar, Palm and Tree Tubs.

Heavy iron hoops. Drop handles, serving as hooks for carrying poles. Iron legs. Removable perforated bottoms. Painted green outside and brown inside. Painted red, if desired, at an extra cost of 10 per cent.

Outside				Length of			
No.	Diam.	Stave.	Price.	No.	Diam.	Stave.	Price.
0.	27 in.	24 in.	\$6.00	6.	16 in.	14 in.	2.75
1.	25 in.	22 in.	5.00	7.	14 in.	12 in.	2.25
2.	23 in.	20 in.	4.50	8.	13 in.	11 in.	2.00
3.	21 in.	18 in.	4.00	9.	12 in.	10 in.	1.75
5.	18 in.	16 in.	3.50				

## HENDERSON'S FLUID WEED DESTROYER.

A New and Easy Way to Destroy Weeds, Moss, Grass, etc., in Garden Walks and Carriage Drives.

It completely destroys all weeds, wherever applied, and by its effect on the ground prevents the growth of fresh ones for a year afterwards, thus saving an immense amount of labor in hoeing, etc. For brick walks it is a boon. Its application is easy, being in a liquid form and only requiring to be mixed with water and applied with a watering can or sprinkling cart. If the ground is very dry it should first be sprinkled with clear water so the Weed Destroyer will not soak away too quickly. Where large weeds and docks are to be destroyed it is best to mow or chop off the tops first. Full directions for use with each package.

Quart Can, makes 6 gall., suffic. for 150 sq. ft.,	50c.
Gallon Can, " 25 " " " 600 "	\$1.25
5-gallon Keg, " 125 " " " 3,000 "	5.00

"I tried your 'Weed Destroyer' and found it so good that I want to order a 5-gallon can."

Mr. N. H. PIFFARD, Passaic, N. J.

"The tests of your 'Weed Destroyer' have been entirely satisfactory. I congratulate you upon your success in manufacturing a product that meets a public want. We have a great many brick walks in Burlington that are most unsightly, with grass and weeds growing between the bricks, but when they have been treated with your fluid compound, 1 quart to 5 gallons of water, the unsightly vegetable growth was destroyed in a few hours. My brother-in-law, and next-door neighbor, Judge Power, also use it with entire satisfaction."

J. L. WAIT,  
Editor Burlington Hawk-Eye,  
Burlington, Iowa.

## LYON'S AUTOMATICAL LAWN FEEDER.—(Odorless.)

It applies the fertilizer while you Water. It is a neat, light device, attached between the end of the hose and the nozzle or lawn sprinkler and automatically dissolves a stick of Concentrated Fertilizer, diffusing it through as much water as will pass through an ordinary garden hose in about one hour. It is clean, odorless, non-poisonous and will give perceptible results after one week's use on your lawn or in your garden. The Cartridges that fit into the feeder are prepared from the most powerful and efficient concentrated fertilizers. The analysis shows 4½ per cent. of Phosphoric Acid; 13¼ per cent. Potash; 12¼ per cent. Ammonia, a combination to make the plant life grow and flourish, keep the grass green, and the flowers in bloom. The fertilizer is sufficiently hardened to prevent a too rapid wasting, but it is thoroughly dissolved as it leaves the nozzle and is therefore in a condition to be readily absorbed by the roots of plants or grass. Complete outfit, consisting of one holder and 12 of the food cartridge, is sold to any address on receipt of \$1.00. Extra Food Cartridges, in boxes of 24 for 50c., or prepaid for 75c.



# REMEDIES for

**Insects that Eat Foliage, Fruits, Flowers Etc.**, whether they are bugs, worms, caterpillars or slugs, etc., are best destroyed by some poisonous insecticide, such as Paris Green, Paragrene or Hellebore. If for any reason it is not deemed safe to use a poison, the next best non-poisonous insecticides are Persian Powder, Slug Shot, Fir Tree Oil or Soap, Kerosene Emulsion or Tobacco Extract or Tobacco Dust.

**Insects that Suck the Juices of Plants**, such as lice, green and black fly, red spider, scale, mealy bugs, etc., can only be destroyed by skin irritating insecticides, such as Kerosene Emulsion; Extract of Tobacco, Tobacco Dust, Fir Tree Oil or Soap.

**Plants and Fruits affected by Fungus Disease**, such as mildew, spot, dry rot, rust, etc., should be promptly treated with either Bordeaux Mixture, Copper Solution Ammoniated, or Sulphur.

**For Tree Borers**, insects on trunks, eggs on bark, and to prevent crawling up the trunk, use either Caterpillar Lime, Whale Oil Soap or Tree Protecting Bands.

**For Animal Insects**, use Cattle Comfort, P. D. Q. Powder or Thymo-Cresol.

# INSECTS & FUNGUS

**Application of Insecticides and Fungicides** is best done for fluid solutions with a Spray Pump, Knapsack Sprayer, Syringe or Vaporizing B. flows. In powder form they are best applied with a Powder Gun, Bellows or Duster, all of which are described on the next pages, No. 32 and 33.

## ABOUT MAILING:

☞ Powders, Soap and Pastes (those offered by the pound) —non-poisonous—can be sent by mail, if 15c. per lb. is added to the prices, to pay postage. Fluids (those offered by the quart, etc.) and poisons are not mailable.

**Ant Destroyer.** A non-poisonous powder which sprinkled around their haunts, will destroy or drive away black ants from lawns, trees, plants, houses or other affected locality. Price, ¼ lb. can, 25c.; ½ lb. can, 40c.; 1 lb. can, 75c.

**Bordeaux Mixture, Standard.** Ready for use by simply adding cold water. An indispensable Fungicide, curing and preventing black rot, mildew, blight, rust, scab and all fungoid diseases on fruits and plants. (1 gal. makes 50 gallons of spray). Prices: pint, 25c.; quart, 40c.; gallon, \$1.00; 5 gallon, \$4.50.

**Bug Death** is a non-poisonous, insect-killing powder, that is in high favor, especially among many Southern market gardeners, who use it extensively for cabbage and tomato worms, potato and cucumber bugs, etc. It is applied with a duster, bellows or powder-gun, at the rate of about 12 lbs. per acre. Price, 15c. lb.; 3 lbs., 35c.; 5 lbs., 50c.; 12½ lbs., \$1.00; 100 lbs., \$7.00.

**Caterpillar Lime, Imported German.** (Little booklet giving full information, mailed on application.) Price, 5 lb. can, \$1.00; 10 lb. can, \$1.75; 25 lb. keg, \$3.75.

**"Cattle Comfort,"** protects horses, cattle, dogs, etc., from flies, goats, mosquitoes, horse-fly and other insects, is healing to sores, destroys head lice on fowls, etc. Prices, ¼ quart, 45c.; 1 gallon, \$1.25; 5 gallons, \$5.00.

**Copper Solution, Ammoniated.** A Fungicide, the same as Bordeaux Mixture, the essential ingredient, "Carbonate of Copper," being dissolved in ammonia in this, while in Bordeaux it is counteracted by lime. Bordeaux is the cheaper and most popular for all ordinary purposes, but for late sprayings, when fruits are nearing maturity, or plants in bloom, Copper Solution is usually used as there is no limy sediment left to be washed off by rain or hand before marketing. One quart is sufficient for 25 gallons of spray. Prices, ¼ quart, 50c.; 1 gallon, \$1.50; 5 gallons, \$6.00.

**Fir Tree Oil.** A popular insecticide for green-house and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphid (black and green), thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. ½ pint is sufficient for 10 gallons of water. Price, ½ pint tin, 40c.; pint, 75c.; quart, \$1.25; 1 gal., \$4.00.

**Fir Tree Oil Soap.** A formula of the above Fir Tree Oil, prepared in soap form and preferred by some. It will do all claimed for the fluid preparation. An ounce make 1 gallon. Price, ¼ lb. tin, 50c.; 1 lbs., 75c.; 5 lbs., \$1.75; 10 lb., \$3.25; 50 lbs., \$6.00.

**Hellebore, Powdered White.** For the destruction of slugs, worms, caterpillars etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved 1 oz. in 2 gallons water. Price, 20c. per lb. 5 lbs. 90c.; 10 lbs. \$1.75; 25 lbs. at 16c. lb.

**Kerosene Emulsion.** Ready for use by simply adding water, 1 quart to 25 to 50 gallons of wa. er. For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. Price: quart, 30c.; gal, 85c.; 5 gal., \$3.50.

**Paragrene.** This poisonous insecticide is put on the market by a large manufacturer of Paris Green, as something superior to the latter, and his claims have been verified by many who have tried it, including several Agricultural Experiment Stations. It is a compound of arsenic, sulphate of copper and lime; while it is fully as poisonous as Paris Green, it is more bulky, remains longer in suspension, making a more uniform mixture, and the lime counteracts the tendency to burn the foliage, which is such a fault with Paris Green. Price, ½ lb. package, 15c.; 1 lb. package, 25c.; 14 lb. pail, \$2.50; 125 lb. keg, \$17.50.

**Paris Green.** A poisonous, insoluble powder, indispensable on the farm or garden, for preventing the ravages of potato bugs, codling moth, worms caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb. in 200 to 300 gallons water. Price, ½ lb., 15c.; 1 lb., 25c.; 5 lb., \$1.00; 28 lb. bucket, \$5.50; 100 lb. keg, \$18.00.

**Persian Powder or Buhack.** Henderson's Superior Grade. (Cheap adulterated grades are worthless.) A most effective, non-poisonous, impalpable powder, so fine that it penetrates the innermost crevices. For worms, flies, aphid and almost all kinds of insects it is very effectual, suffocating them by filling up the breathing pores. Price, ¼ lb., 10c. per lb. 35c., 10 lb., \$3.00.

**"P. D. Q." Powder for Dogs and Poultry.** This celebrated, non-poisonous, disinfecting insect powder is considered the best by many prominent breeders and fanciers, who use it exclusively for fleas, lice and other insects on dogs, cats, chickens, cattle, etc. It kills the insects immediately, and does not injure hair, feathers or skin; in fact, is healing and a disinfectant, and "sticks up the coat." Price, 1 lb. box, 25c.; 5 lb. bag, \$1.00.

**"Rose Leaf." Extract of Tobacco.** One of the most effectual articles for the destruction of all insects and scale on plants; a pure, concentrated extract of tobacco, dilute with from 30 to 150 parts of water. Full instructions for the various methods of applying, are given in our "Rose Leaf" pamphlet, mailed on application. Pint can, 30c.; quart can, 55c.; gallon can, \$1.50.

**Slug Shot.** A non-poisonous powder and a very popular insecticide; it requires no further mixing or preparation, easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. Price, per keg of 125 lbs. net, \$5.00; per barrel of 235 lbs. net, \$8.50; 10 lb. package, 50c.; 5 lb package, 30c.; tin canister, with perforated top for applying, 25c.

**Sulphur Flowers.** Price, per lb. 10c.; 10 lbs., 60c.; 25 lbs. and over, at 5c. per lb.

**"Thymo-Cresol" English Cold Water Sheep Dip.** A world-famous dip, and, besides, is unexcelled as an internal and external remedy for animals wounds and skin diseases, for killing animal parasites, mixing with whitewash for trees, chicken-houses, kennels, etc. A gallon makes a hundred gallons for most uses. Prices, pint can, 45c.; quart can, 60c.; 1 gallon can, \$1.60; 5 gallon can, \$6.75.

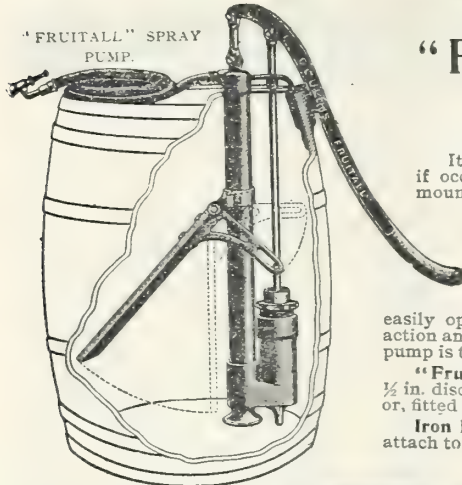
**Tobacco Dust, Fine.** For green and black aphid, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Price, per lb. 10c.; 5 lbs., 30c.; 10 lbs., 50c.; per 100 lb. bag, \$2.50.

**Tobacco Stems.** Indispensable for fumigating greenhouses and conservatories, for the destruction of green and black aphid and other insects. Price, 50 lb. bale, 85c.; 100 lbs. \$1.50; per ton of 2,000 lbs., \$20.00.

**Tree Protecting Bands—"Pillar Caterpillar"**—is very effectual for preventing insects, caterpillars, etc., from crawling up the trunks of trees. It consists of a strip of waterproof paper 4 inches wide, with a row of cotton batting on the under side stitched to each edge. The centre of the paper is coated with a substance, which remains sticky for months. Price, 16c. per yard; 10 yards and over, at 15c. per yard.

**Whale Oil Soap.** Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, per lb. 15c.; 5 lbs., 25c.; 5 lbs., 50c.; 25 lb. and over, at 8c. per lb.





## “Fruitall” Spraying Outfit.

A Strictly HIGH GRADE UP-TO-DATE PUMP. Embodying Several Important Improvements.

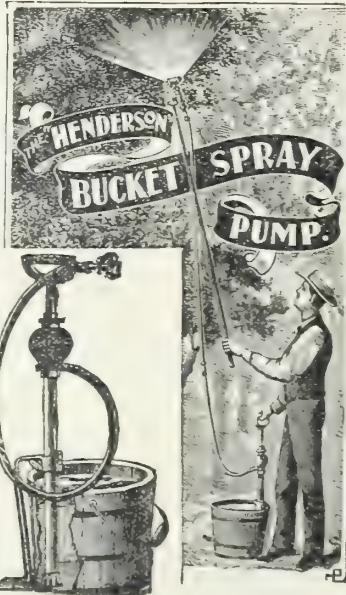
It is simple, the parts accessible and easily removed for cleaning if occasion demands. It has all working parts of brass. It can be mounted on or removed from barrel or tank by the simple adjustment of two thumbscrews. It is held firmly by clamp at top, and is adjustable to large or small barrel. The Brass Plunger is very strong. The Brass Valves never clog. Steel air chamber of unusually large capacity. It has a long adjustable lever. It is built low down, and with the exception of lever and discharge, is contained within the barrel, offering no obstruction to overhanging limbs, and is not top-heavy. The pump is large, but easily operated by a single person. The Agitator is mechanical in its action and much superior to the old method of “return discharge.” This pump is the most efficient and satisfactory pump ever offered.

“Fruitall” Outfit: “A.” Fruitall Spray Pump with one lead 10 feet ½ in. discharge hose, with “Vermorel” Spray Nozzle and Agitator, \$10.00 or, fitted to barrel, \$11.50.

Iron Extension Pipe, 8 ft., with stopcock, to reach top of trees fitted to attach to nozzle and hose, each \$1.50.

## The “Henderson” Hand Bucket Pump.

This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air chamber, and is double acting, throwing an absolutely continuous stream, either solid or in a fine spray, as desired; very light and easily carried, and works from any bucket or tub. Just the thing for throwing liquid insecticides and fungicides on low trees, shrubs, plants, etc., and by altering the nozzle it can be used for washing carriages, windows, etc. (See cut.) Price, \$3.75 or with extra 7 foot section of hose and pole connection for tree spraying, \$4.75.



## LITTLE GIANT POWDER GUN.

(Illustrated on opposite page.)

For applying any dry powder, such as Paris green, London purple, Hellebore, Insect powder, Lime, Plaster, etc., on plants, or trees, the powder being evenly distributed over a wide space and with the least possible waste; the work being more rapidly done than by any other known implement. It is 24 inches long, with extra tubes for dusting trees, and holds one quart of powder. By turning the crank a fan is rapidly revolved, which forces a current of air through the tubes that carries with it a small portion of powder. The quantity may be increased or diminished, as desired. Price, complete, \$5.00.

## Gem Force Pump and Spraying Outfit.

Clamps to the chine or side of any barrel, but is made particularly for our Water Barrel and Truck outfits, offered on page 28. The “Gem” is intended to fill a want for a low-priced pump. It has not the power or capacity of the larger and more expensive spray pumps, but where there are only a few trees, bushes, vines etc., to be treated, it will answer admirably for both applying insecticides and fungicides, and by altering the nozzle it is adapted for sprinkling walks, watering flower-beds, washing windows, carriages, etc. The pump can be quickly removed from the barrel.

PRICES, (without barrel or truck.)

Gem Outfit “A.” Pump fitted with two feet of suction pipe and brass strainer; 5½ ft. ½-inch hose and nozzle, \$5 00.

Gem Outfit “B” is the same as “A.” excepting the hose is 12½ feet long, fitted with pole connection to spray tree, \$6.00.

For prices with barrel and truck, see page 20.



GEM FORCE PUMP.





Makes smoke out of water.

Mixes oil with water at each stroke.

**HENDERSON'S "MAID OF THE MIST" SPRAYER.**

**TWO-IN-ONE SPRAYER.**

**"MAID OF THE MIST" SPRAYER.**

Sprays fluids in the form of mist. Made entirely of brass and will not corrode nor rust. Just what is needed for applying insecticides and fungicides in a mist-like vapor. Holds one pint; length of barrel, 19 ins.; diameter, 1 1/4 ins. (See cut.) Price, \$1.25 each.

**"PARIS GREEN" SPRINKLER.**

A five gallon galvanized iron sprayer for applying poisonous fluids, such as Paris green water, etc., to grapevines, low trees, bushes, potatoes, garden vegetables, etc. Can be carried either on the back or by hand, as desired. The fluid flows through the rubber tube and is forced out in a spray by pressing the rubber bulb held in the hand; this spray will reach 10 to 12 feet. Price, with single sprinkling attachment as shown in the cut, \$3.25; or with double sprinkling attachment, for two rows at once, \$4.25.

The above Sprayer is not adapted for throwing fungicides, such as Bordeaux Mixture, as the spray is not fine enough nor continuous as in the Knapsack Sprayer offered below.

**"SUCCESS" KNAPSACK SPRAYER.**

**A Knapsack Sprayer and Bucket Sprayer Combined.**

For applying fungicides and insecticides in a mist-like spray, for the treatment of mildew, black rot on grapes, as well as for potato blight, etc.; with it a man can spray five to six acres of vines in a day. The machines are made entirely of copper and brass, and the chemicals will not corrode or rust them. The air chamber keeps up a steady pressure, so a continuous discharge is given. The new improvements enable this sprayer to be used either as a knapsack or bucket sprayer. To be used as a bucket sprayer the handle and lever are removed and the extra handle with which the outfit is provided is placed in position as shown by the dotted lines. It is provided with a mechanical agitator. The pump may be worked with either the right or left hand. Any leakage around the plunger is returned into the tank, and does not run down the operator's back. The attachment shown at A is for underspraying. Price, complete, as shown in cut, \$12.00.

**THE KEROSENE KNAPSACK SPRAYER**

For San Jose Scale, etc.

This apparatus is practically the same as the knapsack sprayer offered above, with the addition of a separate tank for holding kerosene which is automatically mixed with water when the handle is operated.

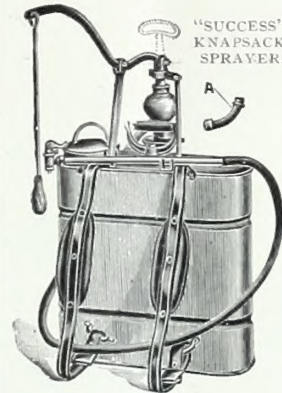
Price, complete, \$15.00.



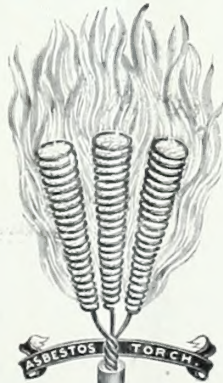
**LITTLE GIANT POWDER GUN.**  
(See page 32.)



**PARIS GREEN SPRINKLER.**



**"SUCCESS" KNAPSACK SPRAYER.**



**ASBESTOS TORCH.**

**Our Implement Catalogue**  
(mailed free upon application)  
Illustrates and describes a full line of Horse and Hand Power SPRAYING IMPLEMENTS

**TWO-IN-ONE SPRAYER.**

Makes an emulsion of kerosene and water at each stroke. The two fluids, in separate reservoirs, are forced into contact at their points of exit, the cross sprays splitting and mixing together with a thoroughness unattained by any other method, thus forming a mechanical emulsion of unequalled uniformity, and no extra time and labor in preparing it beforehand are required. Price, \$1.50.

**Woodason's**

**FLUID VAPORIZING BELLOWS.**

This throws a spray as fine as mist, rendering the use of strong solutions perfectly safe on tender foliaged plants. Very useful for roses and garden and greenhouse spraying. Price, large size, \$2.00. Small size (for house use) \$1.50.

**Woodason's**

**DOUBLE CONE POWDER BELLOWS.**

**For Dusting Plants with Dry Powders for Insects & Fungus.**

This bellows can be held in any direction without wasting powder, as it regulates its own supply, and does not clog up. The best bellows for destroying insects in conservatory, garden, orchard or field; it dusts under the leaves as well as on top. Price, \$3.00.

**Woodason's**

**SINGLE CONE POWDER BELLOWS.**

Price, large size, \$2.00. Small size (for conservatory and house use) \$1.25.

**THE ASBESTOS TORCH.**

Attach the torch to the end of a pole of suitable length; saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Price, 25c. each; or by mail, 30c.

**NORTON'S PLANT DUSTER.**

For dusting potatoes, vines, etc., with powder insecticides. A slight jolting movement distributes the dust in a fine cloud. A cylinder air-chamber projects above the powder so that it never clogs. The projecting dust guard prevents the powder from escaping beyond the plant being treated.

Price, 85 cts. each.



**NORTON'S PLANT DUSTER.**

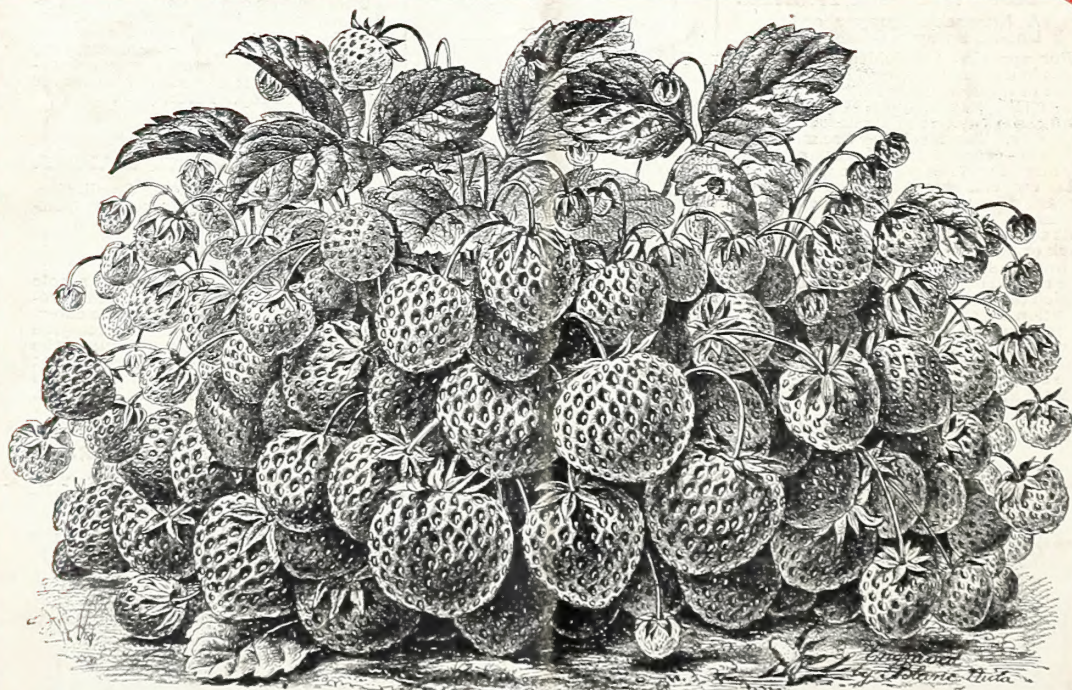


# PETER HENDERSON & CO.,

35 & 37 Cortlandt St., New York.

## HENDERSON'S POT-GROWN STRAWBERRY PLANTS

SET OUT  
THIS SUMMER  
WILL BEAR  
A FULL CROP  
OF  
LUSCIOUS BERRIES  
NEXT SEASON.



SEE PAGES 1 TO 12.





